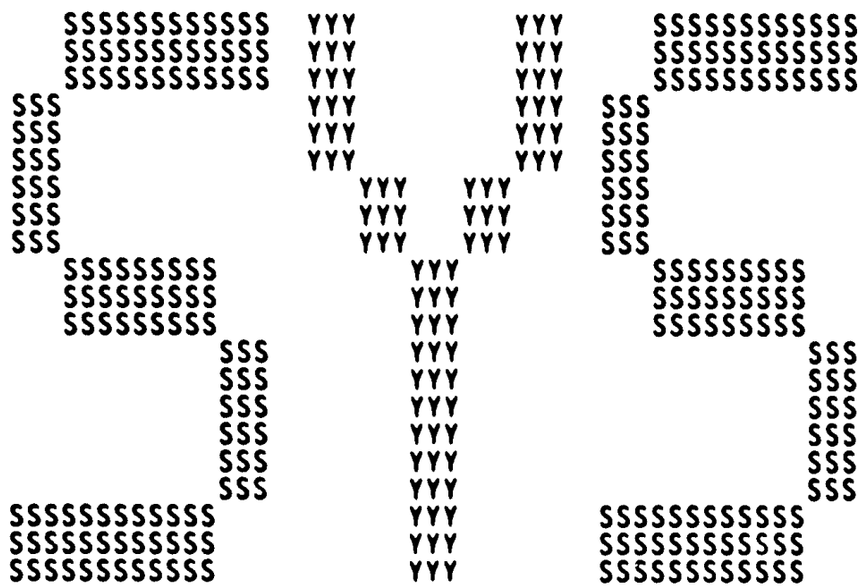

FILEID**SYSPARAM

```
  SSSSSSSS  YY      YY    SSSSSSSS  PPPPPPPP      AAAAAA    RRRRRRRR      AAAAAA    MM      MM
  SSSSSSSS  YY      YY    SSSSSSSS  PPPPPPPP     AAAAAAA    RRRRRRRR     AAAAAAA    MM      MM
SS          YY      YY  SS          PP      PP  AA      AA  RR      RR  AA      AA  MMMM  MMMM
SS          YY      YY  SS          PP      PP  AA      AA  RR      RR  AA      AA  MMMM  MMMM
SS            YY  YY    SS          PP      PP  AA      AA  RR      RR  AA      AA  MM  MM  MM
SS            YY  YY    SS          PP      PP  AA      AA  RR      RR  AA      AA  MM  MM  MM
  SSSSSS        YY        SSSSSS    PPPPPPPP    AA      AA  RRRRRRRR    AA      AA  MM      MM
  SSSSSS        YY        SSSSSS    PPPPPPPP    AA      AA  RRRRRRRR    AA      AA  MM      MM
        SS      YY              SS  PP          AAAAAAAAAA  RR  RR      AAAAAAAAAA  MM      MM
        SS      YY              SS  PP          AAAAAAAAAA  RR  RR      AAAAAAAAAA  MM      MM
        SS      YY              SS  PP          AA      AA  RR    RR    AA      AA  MM      MM      ....
        SS      YY              SS  PP          AA      AA  RR    RR    AA      AA  MM      MM      ....
SSSSSSSS        YY      SSSSSSSS    PP          AA      AA  RR      RR  AA      AA  MM      MM      ....
SSSSSSSS        YY      SSSSSSSS    PP          AA      AA  RR      RR  AA      AA  MM      MM      ....

LL              IIIIII    SSSSSSSS
LL              IIIIII    SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

Table of contents

(1) 397 DECLARATIONS
(1) 714 SYSTEM TIME VARIABLES
(1) 728 SYSGEN PARAMETERS
(1) 3952 CONTROL PARAMETERS
(1) 3952 SYSTEM MESSAGE PARAMETERS
(1) 3952 SYSTEM LOADABLE CODE PARAMETERS
(1) 3952 TERMINAL DRIVER SYSTEM PARAMETERS
(1) 3952 RMS DEFAULT PARAMETERS
(1) 3952 PROCESS QUOTA DEFAULTS AND MINIMA
(1) 3952 FILE ACP CONFIGURATION DATA
(1) 3952 Job Controller Parameters
(1) 3952 Login Security Parameters
(1) 3952 Cluster Parameters
(1) 3952 COMPUTED VALUES
(1) 3952 MMG$GL_PGDCOD Boundary of pageable exec

```
0000     1 ;*****************************************************************************
0000     2 ;*                                                                           *
0000     3 ;*                                NOTICE !!!                                 *
0000     4 ;*                                                                           *
0000     5 ;*  $SYIDEF IN MASD$:<VMSLIB.SRC>STARDEFQZ.SDL MUST BE UPDATED WHEN ADDING   *
0000     6 ;*  PARAMETERS - BUT NOT WHEN DELETING PARAMETERS. $SYIDEF CONTAINS THE      *
0000     7 ;*  PUBLIC DEFINITIONS OF THE $GETSYI ITEM-CODES, AND EACH SYSGEN PARAMETER  *
0000     8 ;*  IS AUTOMATICALLY TRANSFORMED INTO A $GETSYI ITEM.                        *
0000     9 ;*  SYITABLE.MAR DEFINES $GETSYI ITEMS WHICH ARE -NOT- SYSGEN PARAMETERS,    *
0000    10 ;*  AND SHOULD NOT BE MODIFIED WHEN ADDING OR SUBTRACTING SYSGEN PARAMETERS. *
0000    11 ;*                                                                           *
0000    12 ;*****************************************************************************
0000    13
0000    14         .IF     DEFINED GETSYISW
0000    15         .TITLE  GETSYI - DEFINE SYSTEM PARAMETERS FOR GETSYI
0000    16         .IF_FALSE
0000    17         .IF     NDF,PRMSW
0000    18         .TITLE  SYSPARAM - SYSTEM PARAMETERS
0000    19         .IFF
0000    20         .TITLE  PARAMETER - PARAMETER DESCRIPTORS FOR SYSPARAM
0000    21         .ENDC
0000    22         .ENDC
0000    23         .IDENT  'V04-000'
0000    24
0000    25 ;
0000    26 ;*****************************************************************************
0000    27 ;*                                                                           *
0000    28 ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
0000    29 ;*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                   *
0000    30 ;*  ALL RIGHTS RESERVED.                                                     *
0000    31 ;*                                                                           *
0000    32 ;*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED    *
0000    33 ;*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE   *
0000    34 ;*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER    *
0000    35 ;*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY    *
0000    36 ;*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY    *
0000    37 ;*  TRANSFERRED.                                                             *
0000    38 ;*                                                                           *
0000    39 ;*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE    *
0000    40 ;*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
0000    41 ;*  CORPORATION.                                                             *
0000    42 ;*                                                                           *
0000    43 ;*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS    *
0000    44 ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                  *
0000    45 ;*                                                                           *
0000    46 ;*                                                                           *
0000    47 ;*****************************************************************************
0000    48 ;
0000    49
0000    50 ;++
0000    51 ; FACILITY:  EXECUTIVE DATA BASE
0000    52 ;
0000    53 ; ABSTRACT:
0000    54 ;       SYSPARAM CONTAINS THE EXECUTIVE CONTROL PARAMETERS AND CERTAIN
0000    55 ;       KEY VARIABLES.
0000    56 ;
0000    57 ; ENVIRONMENT:
```

```
0000     58 ;
0000     59 ; AUTHOR:  R. I. HUSTVEDT, CREATION DATE:  09-OCT-1977
0000     60 ;
0000     61 ; MODIFIED BY:
0000     62 ;
0000     63 ;       V03-080 DWT0238         David W. Thiel          24-Aug-1984
0000     64 ;               Change default value of QDSKINTERVAL to 20 seconds.
0000     65 ;
0000     66 ;       V03-079 MIR0470         Michael I. Rosenblum    13-Aug-1984
0000     67 ;               make tty_defport a specail sysgen parameter
0000     68 ;
0000     69 ;       V03-078 CDS0004         Christian D. Saether    06-Aug-1984
0000     70 ;               Fix bug initializing exe$gl_static_flags
0000     71 ;               introduced by cds0003.
0000     72 ;
0000     73 ;       V03-077 WMC0075         Wayne Cardoza           06-Aug-1984
0000     74 ;               Make SRP default 96.
0000     75 ;
0000     76 ;       V03-076 WMC0074         Wayne Cardoza           30-Jul-1984
0000     77 ;               Raise minimum working set parameters.
0000     78 ;
0000     79 ;       V03-075 DWT0231         David W. Thiel          25-Jul-1984
0000     80 ;               Raise RECNXINTERVAL to 60 seconds.
0000     81 ;
0000     82 ;       V03-074 DWT0230         David W. Thiel          25-Jul-1984
0000     83 ;               Raise RECNXINTERVAL to 20.  Make QDSKINTERVAL non-dynamic.
0000     84 ;
0000     85 ;       V03-073 WMC0073         Wayne Cardoza           23-Jul-1984
0000     86 ;               Raise max VIRTUALPAGECNT.
0000     87 ;
0000     88 ;       V03-072 BLS0334         Benn Schreiber          23-JUL-1984
0000     89 ;               Raise default ENQLM,ASTLM,DIOLM and BIOLM parameters.
0000     90 ;
0000     91 ;       V03-071 WHM0004         Bill Matthews           23-Jul-1984
0000     92 ;               Added a work station flag longword and defined the parameter
0000     93 ;               WS_OPA0. Made LGI_BRK_TERM default to true. Raised paging file
0000     94 ;               quota minimum from 256 to 512.
0000     95 ;
0000     96 ;       V03-070 CDS0003         Christian D. Saether    20-Jul-1984
0000     97 ;               Add one more buffer pool, ACP_DINDXCACHE, to file system caches.
0000     98 ;               Add ACP_REBLDSYSD flag.
0000     99 ;
0000    100 ;       V03-069 ACG0436         Andrew C. Goldstein,    12-Jul-1984  11:50
0000    101 ;               Add LGI_BRK_TERM and LGI_BRK_DISUSER parameters
0000    102 ;
0000    103 ;       V03-069 CDS0002         Christian D. Saether    11-July-1984
0000    104 ;               Raise minimum ACP_HDRCACHE to 3.
0000    105 ;               Change default for ACP_MULTIPLE to 0.
0000    106 ;
0000    107 ;       V03-068 JEJ0047         J E Johnson             06-Jul-1984
0000    108 ;               Change RMS_GBLBUFQUO to be a dynamic parameter.
0000    109 ;
0000    110 ;       V03-067 WMC0067         Wayne Cardoza           06-Jun-1984
0000    111 ;               Fix PQL minimum working set parameters.
0000    112 ;               Raise PHYSICALPAGES limits.
0000    113 ;
0000    114 ;       V03-066 HWS0069         Harold Schultz          24-May-1984
```

```
0000   115 ;               Change default size of CLISYMTBL from 40 to 60 pages.
0000   116 ;
0000   117 ;       V03-065 WHM0003         Bill Matthews           20-Apr-1984
0000   118 ;               Removed USESYSPARAMS. Use of the separate parameter file
0000   119 ;               is now required.
0000   120 ;
0000   121 ;       V03-064 MIR0400         Michael I. Rosenblum    10-Apr-1984
0000   122 ;               Add TTY_DEFPORT default port function longword.
0000   123 ;
0000   124 ;       V03-063 RAS0281         Ron Schaefer            09-Apr-1984
0000   125 ;               Add RMS_DFNBC default network block count parameter.
0000   126 ;
0000   127 ;       V03-062 WHM0002         Bill Matthews           04-Apr-1984
0000   128 ;               Added USESYSPARAMS and WRITESYSPARAMS to support the
0000   129 ;               default seperate system parameter file.
0000   130 ;               Changed the default for NPAGEDYN from 64000 to 131072(256 pages)
0000   131 ;               Added support for ascii sysgen parameters longer than 4 bytes.
0000   132 ;               Replaced SCSNODEL and SCSNODEH with SCSNODE.
0000   133 ;               Replaced DISK_QUORUM1-4 with DISK_QUORUM.
0000   134 ;               Changed SAVEDUMP from type SPECIAL to type SYS.
0000   135 ;               Changed the units field for ACP_DATACHECK and ACP_SWPFLAGS
0000   136 ;               from boolean to Bit-mask.
0000   137 ;
0000   138 ;       V03-061 WMC0060         Wayne Cardoza           28-Mar-1984
0000   139 ;               Add MMG$GL_MAXMEM.
0000   140 ;
0000   141 ;       V03-060 JEJ0013         J E Johnson             25-Mar-1984
0000   142 ;               Add RMS_GBLBUFQUO sysgen parameter.
0000   143 ;
0000   144 ;       V03-059 WMC0059         Wayne Cardoza           24-Mar-1984
0000   145 ;               Add ACP_XQP_RES flag
0000   146 ;
0000   147 ;       V03-058 LMPBUILD        L. Mark Pilant,         19-Mar-1984  12:20
0000   148 ;               Make sure that the cells moved in LMP0205 are added with
0000   149 ;               the proper conditionals around them.
0000   150 ;
0000   151 ;       V03-057 LMP0205         L. Mark Pilant,         7-Mar-1984  11:23
0000   152 ;               Move EXE$GL_DYNAMIC_FLAGS and EXE$GL_STATIC_FLAGS from
0000   153 ;               SYSCOMMON.
0000   154 ;
0000   155 ;       V03-056 CDS0001         Christian D. Saether    28-Feb-1984
0000   156 ;               Raise default and min size of pagedyn to account for
0000   157 ;               xqp block caches.  Also SYSMWCNT.
0000   158 ;
0000   159 ;       V03-055 MMD0246         Meg Dumont,     27-Feb-1984  10:45
0000   160 ;               Add support for $MTACCESS installation specific accessibility
0000   161 ;               routine
0000   162 ;
0000   163 ;       V03-054 SSA0009         Stan Amway              13-Feb-1984
0000   164 ;               Changed default for PFRATL to 0.
0000   165 ;
0000   166 ;       V03-053 TMK0003         Todd M. Katz            02-Feb-1984
0000   167 ;               Change the name of the SCS parameter PAPORTPOLL to PANOPOLL.
0000   168 ;               Also change its address (from SCS$GB_PAPPOOL to SCS$GB_PANOPOLL)
0000   169 ;               and its default value (from 1 to 0).
0000   170 ;
0000   171 ;       V03-052 WHM0001         Bill Matthews           01-Feb-1984
```

```
0000   172 ;
0000   173 ;       Added new type for LGI_ parameters.
0000   174 ;
0000   175 ; V03-051 TMK0002          Todd M. Katz            30-Jan-1984
0000   176 ;       Add the special parameters PE1,PE2,PE3,PE4,PE5,PE6 for use
0000   177 ;       by the PEDRIVER.
0000   178 ;
0000   179 ;       Add the SCS parameter PAPORTPOLL. If this boolean parameter is
0000   180 ;       set the local CI port(s) will poll remote ports. If it isn't it
0000   181 ;       won't.
0000   182 ;
0000   183 ;       Change the following SYSGEN parameters' DEFAULT, MAX, MIN etc..
0000   184 ;
0000   185 ;       1. Change the DEFAULT of MAXBUF from 1568 to 1584.
0000   186 ;       2. Change the DEFAULT of SCSSYSTEMID from 1 to 0.
0000   187 ;       3. Change the MIN of PAMAXPORT from -1 to 0.
0000   188 ;       4. Change the MAX of PAMAXPORT from -1 to 223.
0000   189 ;       5. Change the ADDRESS of PAMAXPORT from SCS$GW_PAMXPORT to
0000   190 ;          SCS$GB_PAMXPORT.
0000   191 ;       6. Change the size of PAMAXPORT from WORD to BYTE.
0000   192 ;
0000   193 ; V03-050 WMC0048          Wayne Cardoza           16-Jan-1984
0000   194 ;       CJF related parameters must be made SPECIAL and defaulted
0000   195 ;       off.
0000   196 ;
0000   197 ; V03-049 JLV0328          Jake VanNoy             11-JAN-1984
0000   198 ;       Add TTY_TIMEOUT and TTY_AUTOCHAR.
0000   199 ;
0000   200 ; V03-048 KTA3097          Kerbey T. Altmann       10-Jan-1984
0000   201 ;       Set date to 1984.
0000   202 ;
0000   203 ; V03-047 WMC0047          Wayne Cardoza           19-Dec-1983
0000   204 ;       WSMAX max is 64000 not 65280.
0000   205 ;       Make MMG$GW_BIGPFN a new cell.
0000   206 ;
0000   207 ; V03-046 LMP0177          L. Mark Pilant,         7-Dec-1983  11:32
0000   208 ;       Add a dymanic parameter to control whether or not
0000   209 ;       non-discretionary classification checks are to be performed.
0000   210 ;
0000   211 ; V03-045 SSA0003          Stan Amway               5-Dec-1983
0000   212 ;       Added DORMANTWAIT to support outswap scheduling changes.
0000   213 ;       Changed units and default for LONGWAIT.
0000   214 ;
0000   215 ; V03-044 DWT0150          David W. Thiel          18-Nov-1983
0000   216 ;       Add LOCKDIRWT and QDSKVOTES parameters.  Deleted old
0000   217 ;       VAXCLUSTER bit and define new VAXLCUSTER as a byte.
0000   218 ;       Reorder cluster parameters.  Make ALLOCLASS non-dynamic.
0000   219 ;       Change PAPOLLINTERVAL default from 15 to 5 seconds.
0000   220 ;       Chanage SCSMAXMSG default from 96 to 112.
0000   221 ;       Change SRPSIZE default from 96 to 128 to close hole
0000   222 ;       between SRP and IRP allocation pending a more complete
0000   223 ;       examination of pool allocation.
0000   224 ;
0000   225 ; V03-043 TMK0001          Todd M. Katz            12-Oct-1983
0000   226 ;       Add PQL_DJTQUOTA and PQL_MJTQUOTA - the default and minimum
0000   227 ;       byte creation quotas for job-wide logical name tables.
0000   228 ;
0000   229 ; V03-042 ACG0360          Andrew C. Goldstein,    21-Sep-1983  16:25
```

```
0000   229 ;
0000   230 ;       Change defaults for LGI_xxx breakin parameters
0000   231 ;
0000   232 ;       V03-041 ACG0350         Andrew C. Goldstein,    19-Aug-1983  17:56
0000   233 ;               Raise MAXBUF minimum to 1200 to allow BACKUP to work
0000   234 ;
0000   235 ;       V03-040 GAS0162         Gerry Smith             30-Jul-1983
0000   236 ;               Add LGI_PWD_TMO, the system password drop dead time.
0000   237 ;
0000   238 ;       V03-039 NPK3030         N. Kronenberg           29-Jul-1983
0000   239 ;               Change PAMAXPORT maximum from 223 to -1.
0000   240 ;
0000   241 ;       V03-038 RAS0179         Ron Schaefer            29-Jul-1983
0000   242 ;               Delete LOGPHASHTBL,LOGGHASHTBL,LOGSHASHTBL.
0000   243 ;               Change default of IMGIOCNT from 32 to 64.
0000   244 ;               Change default of RMS_EXTEND from 80 to 0.
0000   245 ;
0000   246 ;       V03-037 KFH0004         Ken Henderson           28 Jul 1983
0000   247 ;               Add MAXQUEPRI, DEFQUEPRI, QDSKINTERVAL
0000   248 ;               Remove JOBQUEUES, REINITQUE, MAXPRINTSYMB
0000   249 ;               Change VMS_CLUSTER to VAXCLUSTER
0000   250 ;               Modify default of RECNXINTERVAL from 3 to 10
0000   251 ;
0000   252 ;       V03-036 NPK3029         N. Kronenberg           26-Jul-1983
0000   253 ;               Tune up the SCS and PA parameters.  Remove PASTRETRY.
0000   254 ;               Add PAMXPORT, PASANITY.
0000   255 ;
0000   256 ;       V03-035 MSH0002         Maryann Hinden          08-Jul-1983
0000   257 ;               Add cluster quorum disk parameters.
0000   258 ;
0000   259 ;       V03-034 GAS0142         Gerry Smith             20-Jun-1983
0000   260 ;               Add the login security parameters.
0000   261 ;
0000   262 ;       V03-033 PCA1015         Paul C. Anagnostopoulos 13-Jun-1983
0000   263 ;               Fix the valid ranges for the STARTUP_Pn parameters.
0000   264 ;
0000   265 ;       V03-032 TCM0002         Trudy C. Matthews       1-Jun-1983
0000   266 ;               Add ALLOCLASS parameter, a cluster parameter that defines
0000   267 ;               the device allocation class for this system.
0000   268 ;
0000   269 ;       V03-031 SRB0086         Steve Beckhardt         24-May-1983
0000   270 ;               Made LOCKIDTBL_MAX dynamic.
0000   271 ;
0000   272 ;       V03-030 JSV0295         Joost Verhofstad        20-MAY-1983
0000   273 ;               Add SYSGEN parameters CJFLOAD and CJFSYSRUJ
0000   274 ;
0000   275 ;       V03-029 KFH0003         Ken Henderson           20 May 1983
0000   276 ;               Increased default values:
0000   277 ;               SPTREQ          720 -> 896
0000   278 ;               GBLPAGES        3072 -> 4096
0000   279 ;               GBLSECTIONS     80 -> 128
0000   280 ;
0000   281 ;       V03-028 KDM0044         Kathleen D. Morse       03-May-1983
0000   282 ;               Add EXE$GL_ARCHFLAG.
0000   283 ;
0000   284 ;       V03-027 PCA1015         Paul C. Anagnostopoulos 28-Apr-1983
0000   285 ;               Add TAILORED parameter to specify whether or not this system
               ;               is tailored (has a library disk).
```

```
0000   286 ;
0000   287 ;       Add STARTUP_Pn parameters for passing information to the
0000   288 ;       system startup procedure.
0000   289 ;
0000   290 ;  V03-026 SRB0081          Steve Beckhardt         28-Apr-1983
0000   291 ;       Added new parameter LOCKIDTBL_MAX.
0000   292 ;
0000   293 ;  V03-025 RNG0025          Rod Gamache             21-Apr-1983
0000   294 ;       Change default value of MAXBUF to be more flexible
0000   295 ;       for the DEUNA device driver.
0000   296 ;
0000   297 ;  V03-024 KFH0002          Ken Henderson           14 Apr 1983
0000   298 ;       Modify call to SYI_ITEM_CODE to
0000   299 ;       support Ascii sysnodename.
0000   300 ;
0000   301 ;  V03-023 MIR0030          Michael I. Rosenblunm   14-Apr-1983
0000   302 ;       Make line editing the default
0000   303 ;
0000   304 ;  V03-022 TCM0001          Trudy C. Matthews       8-Apr-1983
0000   305 ;       Allow WSMAX to grow to 65280.
0000   306 ;
0000   307 ;  V03-021 MSH0001          Maryann Hinden          25-Mar-1983
0000   308 ;       Add ASCII type.  Correct default for SCSNODEH.
0000   309 ;
0000   310 ;  V03-020 DWT0080          David W. Thiel          1-Mar-1983
0000   311 ;       Define cluster class of parameters containing
0000   312 ;       QUORUM, VOTES, and CNXRETRYINT.
0000   313 ;
0000   314 ;  V03-019 JWH0191          Jeffrey W. Horn         28-Feb-1983
0000   315 ;       Change default value for PIOPAGES.
0000   316 ;
0000   317 ;  V03-018 KFH0001          Ken Henderson           15 Feb 1983
0000   318 ;       Added conditionals for GETSYISW, to let
0000   319 ;       this file be used to define the sysboot
0000   320 ;       parameters for SYS$GETSYI/F$GETSYI/LIB$GETSYI
0000   321 ;       ************************************************
0000   322 ;       ONE SIDE EFFECT OF THIS MOD IS TO REQUIRE THAT ALL
0000   323 ;       ALLOCATION OF MEMORY CELLS BE CONDITIONALIZED TO NOT
0000   324 ;       HAPPEN IF GETSYISW IS DEFINED.
0000   325 ;       ************************************************
0000   326 ;
0000   327 ;  V03-017 RNG0017          Rod N. Gamache          11-Feb-1983
0000   328 ;       Change default value for PHYSICALPAGES.
0000   329 ;
0000   330 ;  V03-016 DWT0071          David W. Thiel          28-Jan-1983
0000   331 ;       Add VMS_CLUSTER parameter and corresponding
0000   332 ;       LOADCLUSTR bit in SGN$GL_LOADFLAGS.
0000   333 ;       Add PRCPOLINTERVAL parameter with global name
0000   334 ;       SCS$GW_PRCPOLINT.
0000   335 ;
0000   336 ;  V03-015 STJ3053          Steven T. Jeffreys      21-Jan-1983
0000   337 ;       Added LOADERAPAT and LOADCHKPRT parameters, and defined
0000   338 ;       SGN$GL_LOADFLAGS, a system global longword to control
0000   339 ;       the loading of various pieces of the EXEC.
0000   340 ;
0000   341 ;  V03-014 KTA3029          Kerbey T. Altmann       11-Jan-1983
0000   342 ;       Set date to 1983.
```

```
0000    343 ;
0000    344 ;       V03-013 SRB0057         Steve Beckhardt         16-Dec-1982
0000    345 ;               Increased maximum size of LOCKIDTBL to 65535.
0000    346 ;
0000    347 ;       V03-012 DMW4016         DMWalp                  15-Dec-1982
0000    348 ;               Added parameters for size of new logical name hash tables
0000    349 ;
0000    350 ;       V03-011 JWH0117         Jeffrey W. Horn         29-Oct-1982
0000    351 ;               Add PIOPAGES CTLPAGES, and CTLIMGLIM.
0000    352 ;               Change maximum of PHYSICALPAGES to 65536.
0000    353 ;               Change default of SCSSYSTEMIDH to 0.
0000    354 ;
0000    355 ;       V03-010 KTA3016         Kerbey T. Altmann       21-Oct-1982
0000    356 ;               Add SCSNODENAME.
0000    357 ;
0000    358 ;       V03-009 HRJ0064         Herb Jacobs             21-Apr-1982
0000    359 ;               Fix default values of RMS_DFMBC, RMS_EXTEND, MPW_LOLIMIT.
0000    360 ;
0000    361 ;       V03-008 JLV0208         Jake Vannoy             15-Apr-1982
0000    362 ;               Fix default values for TTY_SILOTIME, WSINC, WSDEC.
0000    363 ;
0000    364 ;       V03-007 JLV0207         Jake VanNoy              5-APR-1982
0000    365 ;               Add some smarts to PARAMETER macro to ignore dynamic
0000    366 ;               bits if they are not in EXE$GL_DEFFLAGS. This prevents
0000    367 ;               the dynamic bits in STJ0249 from being included in
0000    368 ;               PRM$M_DYNFLAGS.
0000    369 ;
0000    370 ;       V03-006 STJ0249         Steven T. Jeffreys      01-Apr-1982
0000    371 ;               Add global longword for system message flags.  Define
0000    372 ;               EXE$V_MOUNTMSG and EXE$V_DISMOUMSG to control operator
0000    373 ;               notification of mounts and dismounts, respectively.
0000    374 ;               By default, both are disabled.
0000    375 ;
0000    376 ;       V03-005 MLJ0085         Martin L. Jack          01-Apr-1982
0000    377 ;               Add EXE$V_JOBQUEUES, EXE$V_REINITQUE to control initialization
0000    378 ;               of JBCSYSQUE by job controller.
0000    379 ;
0000    380 ;       V03-004 PHL0041         Peter H. Lipman         01-Apr-1982
0000    381 ;               Default setting for SAVEDUMP must be off.
0000    382 ;
0000    383 ;       V03-003 HRJ0061         Herb Jacobs             28-Mar-1982
0000    384 ;               Fix categories for /MAJOR, /SYS, /SYSGEN, correct
0000    385 ;               some default values, and change global name of SWPFILCNT.
0000    386 ;
0000    387 ;       V03-002 PHL0040         Peter H. Lipman         22-Mar-1982
0000    388 ;               Add EXE$V_PAGFILDMP, EXE$V_SAVEDUMP, EXE$GW_PGFL_FID
0000    389 ;               to support the dump file in the page file.
0000    390 ;
0000    391 ;       V03-001 JLV0193         Jake VanNoy             15-MAR-1982
0000    392 ;               Add TTY_SILOTIME. Change defaults for TTY_OWNER and TTY_PROT
0000    393 ;               and PQL_ENQLM. Change names of TTYSCANDELTA to TTY_SCANDELTA
0000    394 ;               and DIALTYPE to TTY_DIALTYPE.
0000    395 ;--
```

```
0000    397          .SBTTL  DECLARATIONS
0000    398 ;
0000    399 ; INCLUDE FILES:
0000    400 ;
0000    401          $SYIDEF                         ; DEFINE SYS$GETSYI ITEM CODES
0000    402          $PQLDEF                         ; DEFINE QUOTA LIST CODES
0000    403          $PRMDEF                         ; DEFINE PARAMETER DESCRIPTOR
0000    404          $SGNDEF                         ; SYSGEN CONSTANTS
0000    405          $TTDEF                          ; DEFINE TERMINAL CHARACTERISTICS
0000    406          $TT2DEF                         ; DEFINE MORE TERMINAL DEFINTIONS
0000    407
0000    408 ;
0000    409 ; MACRO TO GENERATE PARAMETER DESCRIPTOR IF PRMSW IS TRUE OTHERWISE
0000    410 ; SIMPLY DEFINE PARAMETERS
0000    411 ;
0000    412 ;
0000    413 ; MACROS:
0000    414 ;
0000    415
0000    416          .MACRO  PFNALC  SIZ,SYMLST
0000    417          .IRP    SYM,<SYMLST>
0000    418          DEFINE  PFN$A'SIZ'_'SYM
0000    419          .ENDR
0000    420          .ALIGN  LONG
0000    421          .LONG   0
0000    422          .ENDM   PFNALC
0000    423
0000    424          .MACRO  PARAMETER,ADDRESS,NAME,TYPE=STATIC,DEFAULT=0,MIN=-1,MAX=-1,-
0000    425                  UNIT,SIZE=LONG,BIT      ;
0000    426
0000    427 ;
0000    428 ; When GETSYISW is defined, the macro PARAMETER becomes a conduit to
0000    429 ; a lower level macro SYI_ITEM_CODE. In the fashion of JPI_ITEM_CODE and
0000    430 ; DVI_ITEM_CODE, SYI_ITEM_CODE is called multiple times (once per item)
0000    431 ; by the larger macro SYI_GENERATE_TABLE. This file becomes the definition
0000    432 ; of SYI_GENERATE_TABLE when GETSYISW is defined.
0000    433 ;
0000    434          OUTLEN = 4
0000    435          .IIF    IDENTICAL <SIZE><BYTE>, OUTLEN = 1
0000    436          .IIF    IDENTICAL <SIZE><WORD>, OUTLEN = 2
0000    437          .IIF    IDENTICAL <SIZE><LONG>, OUTLEN = 4
0000    438          .IIF    IDENTICAL <SIZE><QUAD>, OUTLEN = 8
0000    439          .IIF    IDENTICAL <SIZE><OCTA>, OUTLEN = 16
0000    440
0000    441          .IF     DEFINED GETSYISW
0000    442
0000    443          .IF     BLANK BIT
0000    444
0000    445          .IF     NOT_DEFINED SYI$_'NAME
0000    446          .WARN ; SYI$_'NAME SHOULD BE DEFINED IN STARDEFQZ.SDL (EXE-SECT)
0000    447          .ENDC
0000    448
0000    449          .IF     IDENTICAL <UNIT><Ascii>
0000    450
0000    451          SYI_ITEM_CODE   EXE,-           ; TABLE BASE - EXEC CELLS
0000    452                          <NAME>,-        ; ITEM NAME
0000    453                          <ADDRESS>,-     ; SOURCE
```

```
0000   454                     PADSTR,-        ; DTYPE = PADDED STRING
0000   455                     0,-             ; BITPOS
0000   456                     PRM$C_'SIZE',-  ; BITSIZ
0000   457                     OUTLEN          ; OUTLEN
0000   458
0000   459             .IF_FALSE
0000   460
0000   461             SYI_ITEM_CODE   EXE,-           ; TABLE BASE - EXEC CELLS
0000   462                             <NAME>,-        ; ITEM NAME
0000   463                             <ADDRESS>,-     ; SOURCE
0000   464                             DECNUM,-        ; DTYPE = DECIMAL NUMBER
0000   465                             0,-             ; BITPOS
0000   466                             PRM$C_'SIZE',-  ; BITSIZ
0000   467                             OUTLEN          ; OUTLEN
0000   468
0000   469             .ENDC           ; IDENTICAL <UNIT><Ascii>
0000   470
0000   471             .IF_FALSE       ; BLANK BIT
0000   472
0000   473             .IF     NOT_DEFINED SYI$_'NAME
0000   474             .WARN ; SYI$_'NAME SHOULD BE DEFINED IN STARDEFQZ.SDL (FLD-SECT)
0000   475             .ENDC
0000   476
0000   477             SYI_ITEM_CODE   FLD,-           ; TABLE BASE - FIELD DATA
0000   478                             <NAME>,-
0000   479                             <ADDRESS>,-
0000   480                             BITVAL,-
0000   481                             <BIT>,-
0000   482                             1,-
0000   483                             1
0000   484
0000   485             .ENDC           ; BLANK BIT
0000   486
0000   487             .IF_FALSE       ; DEFINED GETSYISW
0000   488
0000   489             .IF     DF,PRMSW                ; DO IF CREATING PARAMETER DESCRIPTOR
0000   490     PRMSAV...=.                             ; SAVE LOC COUNTER
0000   491             .PSECT  $$$918,LONG             ;
0000   492             BAS...=.                        ; SET BASE FOR THIS DESCRIPTOR
0000   493             .BLKB   PRM$C_LENGTH            ; GENERATE SPACE
0000   494             SAV...=.                        ;
0000   495             PRM     L_ADDR                  ;
0000   496             .LONG   ADDRESS                 ;
0000   497             PRM     L_DEFAULT               ;
0000   498             .LONG   DEFAULT                 ;
0000   499             PRM     L_MIN                   ;
0000   500             .LONG   MIN                     ;
0000   501             PRM     L_MAX                   ;
0000   502             .LONG   MAX                     ;
0000   503             .IF     GREATER         <%LENGTH(NAME)-PRM$C_MAXNAMLEN>
0000   504             .ERROR  ; The parameter called NAME has too many characters
0000   505             .ENDC
0000   506             PRM     T_NAME                  ;
0000   507             .ASCIC  %'NAME'%                ;
0000   508             .IF     GREATER         <%LENGTH(UNIT)-PRM$C_MAXUNILEN>
0000   509             .ERROR  ; The quantity called UNIT has too many characters
0000   510             .ENDC
```

```
0000   511          PRM     T_UNIT                          ;
0000   512          .ASCIC  %'UNIT'%                        ;
0000   513          PRM     B_SIZE                          ; SET FIELD SIZE
0000   514          .IF     B,BIT                           ;
0000   515          .BYTE   PRM$C_'SIZE                     ;
0000   516          .IFF                                    ;
0000   517          .BYTE   1                               ;
0000   518          PRM     B_POS                           ;
0000   519          .BYTE   BIT                             ;
0000   520          .ENDC                                   ;
0000   521          PRM     L_FLAGS                         ;
0000   522          TYP...=0                                ;
0000   523          .IRP    TYPNAM,<TYPE>                   ;
0000   524          TYP...=TYP...!PRM$M_'TYPNAM             ;
0000   525                                                  ;
0000   526          .IF NB BIT                              ; DEFINE PRM$M_DYNFLAGS
0000   527          .IF EQ PRM$M_'TYPNAM-PRM$M_DYNAMIC
0000   528          .IF IDN ADDRESS,EXE$GL_DEFFLAGS
0000   529          PRM$M_DYNFLAGS == PRM$M_DYNFLAGS!<1@BIT>
0000   530          .ENDC
0000   531          .ENDC
0000   532          .ENDC
0000   533
0000   534          .ENDR                                   ;
0000   535          .LONG   TYP...                          ;
0000   536          .=SAV...                                ; REPOSITION LOCATION COUNTER
0000   537          .PSECT  $$$917A,PAGE                    ; BACK TO NORMAL PSECT
0000   538          .=PRMSAV...                             ; RESTORE LOCATION COUNTER
0000   539          .IFF                                    ;
0000   540          .IF     B,BIT                           ;
0000   541          .IF     GT,OUTLEN-4                     ; IF LENGTH >4 FORCE LONGWORD ALIGNMENT
0000   542          .ALIGN  LONG                            ;
0000   543          .IFF                                    ;
0000   544          .ALIGN  'SIZE'                          ;
0000   545          .ENDC                                   ;
0000   546 ADDRESS'::                                       ; DEFINE GLOBAL VALUE
0000   547          .ENDC                                   ;
0000   548          .ENDC                                   ;
0000   549          .IF     B,BIT                           ;
0000   550          .IF     GT,OUTLEN-4                     ; IF LENGTH >4 FORCE LONGWORD ALIGNMENT
0000   551          .ALIGN  LONG                            ;
0000   552          .LONG   DEFAULT                         ; GENERATE DEFAULT QUAD VALUE
0000   553          .LONG   DEFAULT                         ;
0000   554          .IF     GT,OUTLEN-8                     ;
0000   555          .LONG   DEFAULT                         ; GENERATE DEFAULT OCTA VALUE
0000   556          .LONG   DEFAULT                         ;
0000   557          .ENDC                                   ;
0000   558          .IFF                                    ;
0000   559          .ALIGN  'SIZE'                          ;
0000   560          .'SIZE' DEFAULT                         ; GENERATE DEFAULT VALUE
0000   561          .ENDC                                   ;
0000   562          .ENDC                                   ;
0000   563
0000   564          .ENDC           ; DEFINED GETSYISW
0000   565
0000   566          .ENDM   PARAMETER                       ;
0000   567
```

```
0000    568          .MACRO  PRM,OFFSET                      ;
0000    569          .IF     NOT_DEFINED GETSYISW
0000    570          .=BAS...+PRM$'OFFSET                    ;
0000    571          .ENDC
0000    572          .ENDM   PRM                             ;
0000    573
0000    574 ;
0000    575 ; MACRO TO CONDITIONALLY DEFINE LABELS
0000    576 ;
0000    577          .MACRO  DEFINE,LABEL                    ;
0000    578          .IF     NOT_DEFINED GETSYISW
0000    579          .IF     NDF,PRMSW                       ;
0000    580 LABEL'::                                         ;
0000    581          .IFF                                    ;
0000    582 LABEL':                                          ;
0000    583          .ENDC                                   ;
0000    584          .ENDC   ; NOT_DEFINED GETSYISW
0000    585          .ENDM   DEFINE                          ;
0000    586 ;
0000    587 ;        MACRO TO GENERATE PROCESS QUOTA LIST TABLES
0000    588 ;
0000    589 ;        PQL     QUOTA_NAME,DEFAULT,MIN,FLAG,UNIT,DYNAMIC_STATE
0000    590 ;
0000    591          .MACRO  PQL Q,DEFLT=0,MINIM=0,FLAG=0,UNT,DYNAMIC_FLAG=DYNAMIC
0000    592          .IF     NOT_DEFINED GETSYISW
0000    593          .IF     NDF,PRMSW                       ;
0000    594          .PSECT  $$$917,PAGE
0000    595          .IFF                                    ;
0000    596          .PSECT  $$$917A,PAGE                    ;
0000    597          .ENDC                                   ;
0000    598          PQLSAV...=.                             ; SAVE LOCATION COUNTER
0000    599          .=PQL$AL_DEFAULT+<4*PQL$_'Q>            ; POINT INTO DEFAULT TABLE
0000    600          .ENDC   ; NOT_DEFINED GETSYISW
0000    601          PARAMETER       ADDRESS=PQL$GD'Q,-      ;
0000    602                          DEFAULT=DEFLT,-         ;
0000    603                          NAME=PQL_D'Q,-  ;
0000    604                          SIZE=LONG,-             ;
0000    605                          TYPE=<PQL,SYSGEN,DYNAMIC_FLAG>,-        ;
0000    606                          UNIT=UNT                ;
0000    607          .IF     NOT_DEFINED GETSYISW
0000    608          .IF     NDF,PRMSW                       ;
0000    609          .PSECT  $$$917,PAGE                     ;
0000    610          .IFF
0000    611          .PSECT  $$$917A,PAGE                    ;
0000    612          .ENDC                                   ;
0000    613 PQLSAV...=.                                      ;
0000    614          .=PQL$AL_MIN+<4*PQL$_'Q>                ; POINT INTO MINIMUM VALUE TABLE
0000    615          .ENDC   ; NOT_DEFINED GETSYISW
0000    616          PARAMETER       ADDRESS=PQL$GM'Q,-      ;
0000    617                          DEFAULT=MINIM,-         ;
0000    618                          NAME=PQL_M'Q,-  ;
0000    619                          SIZE=LONG,-             ;
0000    620                          TYPE=<PQL,SYSGEN,DYNAMIC_FLAG>,-        ;
0000    621                          UNIT=UNT                ;
0000    622          .IF     NOT_DEFINED GETSYISW
0000    623          .IF     NDF,PRMSW
0000    624          .PSECT  $$$917,PAGE                     ;
```

```
                     0000   625          .IFF
                     0000   626          .PSECT  $$$917A,PAGE
                     0000   627          .ENDC                                   ;
                     0000   628 PQLSAV...:=.                                     ;
                     0000   629          .=PQL$AB_FLAG+PQL$_'Q                   ; POINT INTO FLAG BYTE FOR QUOTA
                     0000   630          .BYTE   FLAG                            ; AND FILL IN FLAG
                     0000   631          .=PQLSAV...                             ; RESTORE LOCATION COUNTER
                     0000   632          .ENDC   ; NOT_DEFINED GETSYISW
                     0000   633          .ENDM   PQL                             ;
                     0000   634
                     0000   635 ;
                     0000   636 ; EQUATED SYMBOLS:
                     0000   637 ;
00000000             0000   638 PQL_V_DEDUCT=0                                   ; DEDUCTIBILE QUOTA FLAG
                     0000   639
00000001             0000   640 PQL_M_DEDUCT=1                                   ; FLAG VALUE FOR DEDUCTIBLE QUOTA
00000001             0000   641 DEDUCTIBLE=PQL_M_DEDUCT                          ; NAME FOR READIBILITY
                     0000   642
                     0000   643 .IF     DF,PRMSW                                ; DO IF PARAMETER
                     0000   644 PRM$M_DYNFLAGS == 0
                     0000   645 .ENDC
                     0000   646
                     0000   647 ;
                     0000   648 ; DEFINE THE SYSTEM CONTROL FLAGS.  ANY FLAGS ADDED SHOULD BE PLACED
                     0000   649 ; IN THE FIELD DEFINITION THAT CORRESPONDS TO THE CELL IN SYSCOMMON FROM
                     0000   650 ; WHICH THE FLAGS ARE REFERENCED.  (THIS WAS ORIGINALLY EXE$GL_FLAGS, BUT
                     0000   651 ; OVER TIME WILL SPLIT INTO EXE$GL_DYNAMIC_FLAGS, EXE$GL_STATIC_FLAGS, AND
                     0000   652 ; EXE$GL_STATE_FLAGS.)
                     0000   653 ;
                     0000   654          $GBLINI GLOBAL
                     0000   655          $VIELD  EXE,0,<-                        ; DEFINITION FOR EXE$GL_FLAGS
                     0000   656                  SYSWRTABL,-                     ; LEAVE SYSTEM READ ONLY CODE WRITABLE
                     0000   657                  NOAUTOCNF,-                     ; NO AUTOMATIC CONFIGURATION OF UBA
                     0000   658                  SYSPAGING,-                     ; ENABLE SYSTEM PAGING
                     0000   659                  POOLPGING,-                     ; ENABLE DYNAMIC POOL PAGING
                     0000   660                  SIMULATOR,-                     ; RUNNING ON SIMULATOR
                     0000   661                  NOCLOCK,-                       ; DO NOT TURN ON CLOCK
                     0000   662                  CRDENABL,-                      ; ENABLE CRD ERROR DETECTION
                     0000   663                  SBIERR,-                        ; ENABLE SBI ERROR INTERRUPT
                     0000   664                  INIT,-                          ; RMS AND FILE SYSTEM INITIALIZED
                     0000   665                  SETTIME,-                       ; FORCE SOLICITATION OF TIME
                     0000   666                  FATAL_BUG,-                     ; FORCE ALL BUG CHECKS FATAL
                     0000   667                  MULTACP,-                       ; USE MULTIPLE FILE ACP'S
                     0000   668                  NOCLUSTER,-                     ; TURN OFF PAGE FAULT CLUSTERING
                     0000   669                  BUGREBOOT,-                     ; AUTO REBOOT ON BUGCHECK
                     0000   670                  SYSUAFALT,-                     ; ALTERNATE LOGICAL NAME FOR SYSUAF
                     0000   671                  SHRF11ACP,-                     ; MAKE F11ACP SHARABLE AT BOOT TIME
                     0000   672                  BUGDUMP,-                       ; TAKE SYSTEM DUMP ON BUGCHECK
                     0000   673                  RESALLOC,-                      ; ENABLE RESOURCE ALLOCATION CHECKS
                     0000   674                  CONCEALED,-                     ; ENABLE USE OF CONCEALED DEVICES
                     0000   675                  SSINHIBIT,-                     ; INHIBIT SYSTEM SERVICES PER-PROCESS
                     0000   676                  EXPLICITP,-                     ; IF SET TODAY IS CONSIDERED PRIMARY
                     0000   677                  EXPLICITS,-                     ; IF SET TODAY IS CONSIDERED SECONDARY
                     0000   678                  PGFLFRAG,-                      ; SET IF PAGE FILE FRAGMENTED MSG ISSUED
                     0000   679                  PGFLCRIT,-                      ; SET IF PAGE FILE FULL MSG ISSUED
                     0000   680                  TBCHK,-                         ; SET IF PROCESSOR REGISTER TBCHK PRESENT
                     0000   681                  PAGFILDMP,-                     ; SET IF DUMP IS IN PAGE FILE
```

```
0000   682                  SAVEDUMP,-              ; SET TO SAVE DUMP UNTIL ANALYZED
0000   683                  JOBQUEUES,-             ; Set if JOBCTL to enable queues
0000   684                  REINITQUE,-             ; Set if JOBCTL to reinitialize JBCSYSQUE
0000   685                  CJFLOAD,-               ; Set if CJF is to be loaded at boot time
0000   686                  CJFSYSRUJ,-             ; Set if a recovery unit journal exists for
0000   687          >
0000   688 ;        $VIELD  EXE,0,<-                ; DEFINITION FOR EXE$GL_STATE_FLAGS
0000   689 ;        >
0000   690
0000   691          .IF     NOT_DEFINED GETSYISW
0000   692
0000   693 ;
0000   694 ; OWN STORAGE:
0000   695 ;
0000   696          .IF     NDF,PRMSW               ;
00000000   697     .PSECT  $$$917,PAGE             ; PAGE ALIGNED
0000   698          .IFF                            ;
0000   699          .PSECT  $$$917A,PAGE
0000   700          .ENDC                           ;
0000   701          DEFINE  EXE$A_SYSPARAM          ; SYSTEM PARAMETER BASE
0000   702          .IF     DF,PRMSW                ;
0000   703 BOO$A_SYSPARAM::                         ; BASE OF DEFAULTS
0000   704          .PSECT  $$$918,LONG             ; PARAMETER DESCRIPTOR LIST
0000   705 BOO$A_PRMBLK::                          ;
0000   706          .ENDC                           ;
0000   707          .IF     NDF,PRMSW               ;
00000000   708     .PSECT  $$$917,PAGE             ;
0000   709          .IFF
0000   710          .PSECT  $$$917A,PAGE
0000   711          .ENDC
0000   712
```

```
                        0000   714          .SBTTL  SYSTEM TIME VARIABLES
                        0000   715 ;
                        0000   716 ;               SYSTEM TIME VARIABLES
                        0000   717 ;
                        0000   718          DEFINE  EXE$GQ_TODCBASE          ; TIME OF DAY CLOCK BASE (BOOT TIME)
008C4737 66070000       0000   719          .QUAD   ^X008C473766070000       ; 01-JAN-1984 00:00:00.00
                        0008   720 ;
                        0008   721          DEFINE  EXE$GL_TODR              ; TIME OF DAY REGISTER VALUE CORRESPONDING
          10000000      0008   722          .LONG   1@28                     ; TO EXE$GQ_TODCBASE; IT'S NOT ZERO
                        000C   723                                           ; BECAUSE ANYTHING LESS THAN 1@28
                        000C   724                                           ; IS USED TO INDICATE CLOCK LOST POWER
                        000C   725
                        000C   726          .ENDC   ; NOT_DEFINED GETSYISW
```

```
000C   728          .SBTTL  SYSGEN PARAMETERS
000C   729 ;
000C   730 ;       SYSGEN PARAMETERS
000C   731 ;
000C   732
000C   733 ; When the code in SYS$GETSYI/F$GETSYI/LIB$GETSYI invokes the SYI_GENERATE_TABLE
000C   734 ; macro once, the PARAMETER macro (and therefore the SYI_ITEM_CODE macro)
000C   735 ; will be invoked many times, generating the item-code control tables used
000C   736 ; by the above peices of code.
000C   737
000C   738          ; Start the definition of the macro
000C   739
000C   740          .MACRO  SYI_GENERATE_TABLE
000C   741
000C   742          ; Define the GETSYI item-code which are Not SYSBOOT params
000C   743
000C   744          .IIF    DEFINED GETSYISW,       SYI_ITEMTABLES
000C   745
000C   746 ;
000C   747 ; DEFAULT PAGE FAULT CLUSTER SIZE - SPECIFIES THE MAXIMUM NUMBER OF
000C   748 ;       PAGES WHICH WILL BE READ FROM SECTIONS NOT SPECIFYING A CLUSTER FACTOR.
000C   749 ;       THIS ALSO APPLIES TO PAGE FILE PAGES.
000C   750 ;
000C   751          PARAMETER       ADDRESS=SGN$GW_DFPFC,-  ;
000C   752                          DEFAULT=32,-            ;
000C   753                          MIN=0,-                 ;
000C   754                          MAX=127,-               ;
000C   755                          NAME=PFCDEFAULT,-       ;
000C   756                          SIZE=WORD,-             ;
000C   757                          TYPE=<DYNAMIC,SYS,MAJOR>,-      ;
000C   758                          UNIT=Pages
000C   759 ;
000C   760 ; DEFAULT PAGE TABLE PAGE FAULT CLUSTER SIZE - SPECIFIES THE MAXIMUM NUMBER OF
000C   761 ;       OF PAGE TABLES TO ATTEMPT TO READ TO SATISFY A FAULT FOR A NON-RESIDENT
000C   762 ;       PAGE TABLE.
000C   763 ;
000C   764          PARAMETER       ADDRESS=SGN$GB_PGTBPFC,-        ;
000C   765                          DEFAULT=2,-             ;
000C   766                          MIN=0,-                 ;
000C   767                          MAX=127,-               ;
000C   768                          NAME=PAGTBLPFC,-        ;
000C   769                          SIZE=BYTE,-             ;
000C   770                          TYPE=<DYNAMIC,SPECIAL>,-        ;
000C   771                          UNIT=Pages
000C   772 ;
000C   773 ;       PAGE FAULT CLUSTER FOR SYSTEM PAGING
000C   774 ;
000C   775          PARAMETER       ADDRESS=SGN$GB_SYSPFC,- ;
000C   776                          DEFAULT=1,-             ;
000C   777                          MIN=0,-                 ;
000C   778                          MAX=127,-               ;
000C   779                          NAME=SYSPFC,-           ;
000C   780                          SIZE=BYTE,-             ;
000C   781                          TYPE=<SPECIAL>,-        ;
000C   782                          UNIT=Pages
000C   783 ;
000C   784 ; NUMBER OF KNOWN FILE LISTS - ESTABLISHES THE MAXIMUM NUMBER OF KNOWN
```

```
000C   785 ;       FILE LISTS THAT CAN BE MADE KNOWN TO THE SYSTEM.
000C   786 ;
000C   787         PARAMETER       ADDRESS=SGN$GB_KFILSTCT,-       ;
000C   788                         DEFAULT=4,-                     :
000C   789                         MIN=2,-                         :
000C   790                         MAX=255,-                       :
000C   791                         NAME=KFILSTCNT,-                :
000C   792                         SIZE=BYTE,-                     :
000C   793                         TYPE=<SYSGEN,SYS>,-             :
000C   794                         UNIT=Slots
000C   795
000C   796         .IIF    NOT_DEFINED GETSYISW,   .ALIGN  WORD
000C   797 ;
000C   798 ; GLOBAL SECTION COUNT - DETERMINES THE MAXIMUM NUMBER OF GLOBAL SECTIONS
000C   799 ;       WHICH CAN BE MADE KNOWN TO THE SYSTEM BY ALLOCATING THE NECESSARY
000C   800 ;       STORAGE FOR THE GST ENTRIES.
000C   801 ;
000C   802         PARAMETER       ADDRESS=SGN$GW_GBLSECNT,-       ;
000C   803                         DEFAULT=128,-                   :
000C   804                         MIN=20,-                        :
000C   805                         NAME=GBLSECTIONS,-              :
000C   806                         SIZE=WORD,-                     :
000C   807                         TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C   808                         UNIT=Sections
000C   809 ;
000C   810 ; GLOBAL PAGE COUNT - ESTABLISHES THE SIZE OF THE GLOBAL PAGE TABLE AND THE
000C   811 ;       LIMIT FOR THE TOTAL NUMBER OF GLOBAL PAGES THAT CAN BE CREATED.
000C   812 ;
000C   813
000C   814         PARAMETER       ADDRESS=SGN$GL_MAXGPGCT,-       ;
000C   815                         DEFAULT=4096,-                  :
000C   816                         MIN=512,-                       :
000C   817                         NAME=GBLPAGES,-                 :
000C   818                         SIZE=LONG,-                     :
000C   819                         TYPE=<SYSGEN,SYS,MAJOR>,-               ;
000C   820                         UNIT=Pages
000C   821 ;
000C   822 ; GLOBAL PAGE PAGE FILE PAGE LIMIT - ESTABLISHES THE MAXIMUM NUMBER OF GLOBAL
000C   823 ; PAGES WITH PAGE FILE BACKING STORE THAT CAN BE CREATED.
000C   824 ;
000C   825
000C   826         PARAMETER       ADDRESS=SGN$GL_GBLPAGFIL,-      ;
000C   827                         DEFAULT=1024,-                  :
000C   828                         MIN=128,-                       :
000C   829                         NAME=GBLPAGFIL,-                ;
000C   830                         SIZE=LONG,-                     :
000C   831                         TYPE=<SYS>,-                    :
000C   832                         UNIT=Pages
000C   833
000C   834 ;
000C   835 ; MAXIMUM PROCESS COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESSES
000C   836 ;
000C   837         PARAMETER       ADDRESS=SGN$GW_MAXPRCCT,-       ;
000C   838                         DEFAULT=72,-                    :
000C   839                         MIN=12,-                        :
000C   840                         MAX=8192,-                      :
000C   841                         NAME=MAXPROCESSCNT,-            ;
```

```
000C   842                          SIZE=WORD,-                 ;
000C   843                          TYPE=<SYSGEN,SYS,MAJOR>,-                 ;
000C   844                          UNIT=Processes
000C   845
000C   846 ;
000C   847 ; PROCESS SCAN COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESSES TO SCAN
000C   848 ; FOR PRIORITY BOOSTING.
000C   849 ;
000C   850          PARAMETER       ADDRESS=SGN$GW_PIXSCAN,-;
000C   851                          DEFAULT=1,-                 ;
000C   852                          MIN=0,-                     ;
000C   853                          MAX=8192,-                  ;
000C   854                          NAME=PIXSCAN,-              ;
000C   855                          SIZE=WORD,-                 ;
000C   856                          TYPE=<SPECIAL,DYNAMIC>,-;
000C   857                          UNIT=Processes
000C   858
000C   859 ;
000C   860 ; PROCESS SECTION COUNT - GUARANTEED NUMBER OF PROCESS SECTIONS THAT CAN
000C   861 ;       BE CREATED.  DEPENDING ON SIZE OF WORKING SET, THE ACTUAL NUMBER
000C   862 ;       OF SECTIONS CAN ACTUALLY BE GREATER.
000C   863 ;
000C   864          PARAMETER       ADDRESS=SGN$GW_MAXPSTCT,-       ;
000C   865                          DEFAULT=32,-                ;
000C   866                          MIN=5,-                     ;
000C   867                          MAX=1024,-                  ;
000C   868                          NAME=PROCSECTCNT,-          ;
000C   869                          SIZE=WORD,-                 ;
000C   870                          TYPE=<SYSGEN,SYS>,-                 ;
000C   871                          UNIT=Sections
000C   872
000C   873
000C   874 ;
000C   875 ; MINIMUM WORKING SET SIZE - ESTABLISHES THE SMALLEST SIZE THAT ADJWSL WILL
000C   876 ;       SET A PROCESS' WORKING SET.
000C   877 ;
000C   878          PARAMETER       ADDRESS=SGN$GW_MINWSCNT,-       ;
000C   879                          DEFAULT=20,-                ;
000C   880                          MIN=10,-                    ;
000C   881                          NAME=MINWSCNT,-             ;
000C   882                          SIZE=WORD,-                 ;
000C   883                          TYPE=<STATIC,SYSGEN,SYS>,-      ;
000C   884                          UNIT=Pages
000C   885
000C   886
000C   887 ;
000C   888 ; NUMBER OF PAGING FILES - DETERMINES THE MAXIMUM NUMBER OF PAGING FILES
000C   889 ;       THAT CAN BE MADE KNOW TO THE SYSTEM.
000C   890 ;
000C   891          PARAMETER       ADDRESS=SGN$GW_PAGFILCT,-       ;
000C   892                          DEFAULT=2,-                 ;
000C   893                          MIN=1,-                     ;
000C   894                          MAX=63,-                    ;
000C   895                          NAME=PAGFILCNT,-            ;
000C   896                          SIZE=WORD,-                 ;
000C   897                          TYPE=<SYS,SYSGEN>,-     ;
000C   898                          UNIT=Files
```

```
000C   899
000C   900 ;
000C   901 ; NUMBER OF SWAP FILES - ESTABLISHES THE MAXIMUM NUMBER OF SWAPFILES THAT
000C   902 ;       CAN BE MADE KNOWN TO THE SYSTEM.
000C   903 ;
000C   904         PARAMETER       ADDRESS=SGN$GW_SWPFILES,-       ;
000C   905                         DEFAULT=2,-                     ;
000C   906                         MIN=0,-                         ;
000C   907                         MAX=63,-                        ;
000C   908                         NAME=SWPFILCNT,-                ;
000C   909                         SIZE=WORD,-                     ;
000C   910                         TYPE=<SYS,SYSGEN>,-             ;
000C   911                         UNIT=Files
000C   912
000C   913
000C   914 ;
000C   915 ; SYSTEM WORKING SET COUNT - ESTABLISHES THE NUMBER OF PAGES FOR THE WORKING
000C   916 ;       SET CONTAINING THE CURRENTLY RESIDENT PAGES OF PAGABLE SYSTEM SPACE.
000C   917 ;
000C   918         PARAMETER       ADDRESS=SGN$GW_SYSDWSCT,-       ;
000C   919                         DEFAULT=250,-                   ;
000C   920                         MIN=40,-                        ;
000C   921                         MAX=16384,-                     ;
000C   922                         NAME=SYSMWCNT,-                 ;
000C   923                         SIZE=WORD,-                     ;
000C   924                         TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C   925                         UNIT=Pages
000C   926
000C   927 ;
000C   928 ; INTERRUPT STACK SIZE - ESTABLISHES THE SIZE OF THE INTERRUPT STACK IN PAGES
000C   929 ;
000C   930         PARAMETER       ADDRESS=SGN$GW_ISPPGCT,-        ;
000C   931                         DEFAULT=2,-                     ;
000C   932                         MIN=1,-                         ;
000C   933                         NAME=INTSTKPAGES,-              ;
000C   934                         SIZE=WORD,-                     ;
000C   935                         TYPE=<SYS,SYSGEN>,-             ;
000C   936                         UNIT=Pages
000C   937 ;
000C   938 ; AMOUNT OF EXTRA INTERRUPT STACK TO LEAVE WHEN DOING DEADLOCK SEARCH
000C   939 ;
000C   940         PARAMETER       ADDRESS=LCK$GL_EXTRASTK,-       ;
000C   941                         DEFAULT=512,-                   ;
000C   942                         MIN=256,-                       ;
000C   943                         NAME=DLCKEXTRASTK,-             ;
000C   944                         SIZE=LONG,-                     ;
000C   945                         TYPE=<SPECIAL>,-                ;
000C   946                         UNIT=Bytes                      ;
000C   947
000C   948 ;
000C   949 ; BALANCE SET COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESS THAT CAN BE
000C   950 ;       BE CONCURRENTLY RESIDENT.
000C   951 ;
000C   952         PARAMETER       ADDRESS=SGN$GL_BALSETCT,-       ;
000C   953                         DEFAULT=36,-    ;
000C   954                         MIN=4,-         ;
000C   955                         MAX=1024,-      ;
```

```
000C   956                          NAME=BALSETCNT,-        ;
000C   957                          SIZE=LONG,-     ;
000C   958                          TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C   959                          UNIT=Slots
000C   960 ;
000C   961 ; COUNT OF PRE-ALLOCATED I/O PACKETS - DETERMINES THE NUMBER OF I/O PACKETS
000C   962 ;       TO BE PRE-ALLOCATED AND LINKED TOGETHER FOR FAST ALLOCATION AND
000C   963 ;       DEALLOCATION.
000C   964 ;
000C   965          PARAMETER       ADDRESS=SGN$GL_IRPCNT,- ;
000C   966                          DEFAULT=60,-            ;
000C   967                          MIN=0,-                 ;
000C   968                          MAX=32768,-             ;
000C   969                          NAME=IRPCOUNT,-         ;
000C   970                          SIZE=LONG,-             ;
000C   971                          TYPE=<SYSGEN,MAJOR,SYS>,-       ;
000C   972                          UNIT=Packets
000C   973 ;
000C   974 ; NUMBER OF PACKETS TO WHICH THE IRPLIST MAY BE EXTENDED.
000C   975 ;
000C   976          PARAMETER       ADDRESS=SGN$GL_IRPCNTV,-;
000C   977                          DEFAULT=1000,-          ;
000C   978                          MIN=0,-                 ;
000C   979                          MAX=32768,-             ;
000C   980                          NAME=IRPCOUNTV,-        ;
000C   981                          SIZE=LONG,-             ;
000C   982                          TYPE=<SYSGEN,SYS>,-     ;
000C   983                          UNIT=Packets
000C   984 ;
000C   985 ; MAXIMUM SIZE OF PROCESS WORKING SET. DETERMINES THE SYSTEM WIDE MAXIMUM
000C   986 ;       SIZE OF A PROCESS WORKING SET REGARDLESS OF PROCESS QUOTA.
000C   987 ;
000C   988          PARAMETER       ADDRESS=SGN$GL_MAXWSCNT,-       ;
000C   989                          DEFAULT=1024,-          ;
000C   990                          MIN=60,-                ;
000C   991                          MAX=64000,-             ;
000C   992                          NAME=WSMAX,-            ;
000C   993                          SIZE=LONG,-             ;
000C   994                          TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C   995                          UNIT=Pages
000C   996
000C   997 ;
000C   998 ; NON-PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO ALLOCATE FOR
000C   999 ;       THE NON-PAGED DYNAMIC POOL.
000C  1000 ;
000C  1001          PARAMETER       ADDRESS=SGN$GL_NPAGEDYN,-       ;
000C  1002                          DEFAULT=131072,-        ; 256 pages
000C  1003                          MIN=16384,-             ;
000C  1004                          NAME=NPAGEDYN,-         ;
000C  1005                          SIZE=LONG,-             ;
000C  1006                          TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C  1007                          UNIT=Bytes
000C  1008 ;
000C  1009 ; NON-PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO WHICH
000C  1010 ;       THE NON-PAGED DYNAMIC POOL MAY BE EXTENDED.  THIS PARAMETER
000C  1011 ;       IS USED TO ALLOCATE THE NECESSARY PAGE TABLE ENTRIES.
000C  1012 ;
```

```
000C  1013          PARAMETER       ADDRESS=SGN$GL_NPAGEVIR,-       ;
000C  1014                          DEFAULT=400000,-                ;
000C  1015                          MIN=16384,-                     ;
000C  1016                          NAME=NPAGEVIR,-                 ;
000C  1017                          SIZE=LONG,-                     ;
000C  1018                          TYPE=<SYSGEN,SYS>,-             ;
000C  1019                          UNIT=Bytes
000C  1020 ;
000C  1021 ; PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO ALLOCATE FOR THE
000C  1022 ;       PAGED DYNAMIC POOL.
000C  1023 ;
000C  1024          PARAMETER       ADDRESS=SGN$GL_PAGEDYN,-        ;
000C  1025                          DEFAULT=190000,-                ;
000C  1026                          MIN=10240,-                     ;
000C  1027                          NAME=PAGEDYN,-                  ;
000C  1028                          SIZE=LONG,-                     ;
000C  1029                          TYPE=<SYSGEN,SYS,MAJOR>,-               ;
000C  1030                          UNIT=Bytes
000C  1031
000C  1032 ;
000C  1033 ; MAXIMUM VIRTUAL PAGE COUNT - DETERMINES THE TOTAL NUMBER OF PAGES THAT
000C  1034 ;       CAN BE MAPPED FOR A PROCESS, WHICH CAN BE DIVIDED IN ANY FASHION
000C  1035 ;       BETWEEN P0 AND P1 SPACE.
000C  1036 ;
000C  1037          PARAMETER       ADDRESS=SGN$GL_MAXVPGCT,-       ;
000C  1038                          DEFAULT=8192,-                  ;
000C  1039                          MIN=512,-                       ;
000C  1040                          MAX=300000,-                    ; MORE THAN 128 MEGABYTES
000C  1041                          NAME=VIRTUALPAGECNT,-           ;
000C  1042                          SIZE=LONG,-                     ;
000C  1043                          TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C  1044                          UNIT=Pages
000C  1045
000C  1046 ;
000C  1047 ; REQUESTED SPT EXTENSION - NUMBER OF ADDITIONAL SPT SLOT TO ALLOW
000C  1048 ;
000C  1049          PARAMETER       ADDRESS=SGN$GL_SPTREQ,- ;
000C  1050                          DEFAULT=896,-           ;
000C  1051                          NAME=SPTREQ,-           ;
000C  1052                          SIZE=LONG,-             ;
000C  1053                          TYPE=<SYS,SYSGEN>,-     ;
000C  1054                          UNIT=Pages
000C  1055 ;
000C  1056 ; EXTRA USER STACK AUTOMATICALLY PROVIDED BY THE IMAGE ACTIVATOR
000C  1057 ;       SO THAT THE OPERATING S"STEM CAN RECOVER FROM A STACK OVERFLOW.
000C  1058 ;
000C  1059          PARAMETER       ADDRESS=SGN$GL_EXUSRSTK,- ;
000C  1060                          DEFAULT=<2*512>,-       ;
000C  1061                          MIN=<2*512>,-           ;
000C  1062                          NAME=EXUSRSTK,-         ;
000C  1063                          SIZE=LONG,-             ;
000C  1064                          TYPE=<SPECIAL>,-        ;
000C  1065                          UNIT=<Pages*512>        ;
000C  1066 ;
000C  1067 ; NUMBER OF LARGE REQUEST PACKETS TO ALLOCATE TO THE LRP LOOK ASIDE LIST
000C  1068 ;
000C  1069          PARAMETER       ADDRESS=SGN$GL_LRPCNT,- ;
```

```
000C  1070                            DEFAULT=4,-                 ;
000C  1071                            MIN=0,-                     ;
000C  1072                            MAX=4096,-                  ;
000C  1073                            NAME=LRPCOUNT,-             ;
000C  1074                            SIZE=LONG,-                 ;
000C  1075                            TYPE=<SYS,SYSGEN,MAJOR>,-       ;
000C  1076                            UNIT=<Packets>              ;
000C  1077 ;
000C  1078 ; NUMBER OF LARGE REQUEST PACKETS TO WHICH THE LRP LOOK ASIDE LIST
000C  1079 ; MAY BE EXTENDED.  USED TO ALLOCATE THE APPROPRIATE VIRTUAL SPACE.
000C  1080 ;
000C  1081          PARAMETER       ADDRESS=SGN$GL_LRPCNTV,-;
000C  1082                          DEFAULT=80,-                ;
000C  1083                          MIN=0,-                     ;
000C  1084                          MAX=4096,-                  ;
000C  1085                          NAME=LRPCOUNTV,-                ;
000C  1086                          SIZE=LONG,-                 ;
000C  1087                          TYPE=<SYS,SYSGEN>,-         ;
000C  1088                          UNIT=<Packets>              ;
000C  1089 ;
000C  1090 ; SIZE OF LARGE REQUEST PACKETS (BYTES)
000C  1091 ;
000C  1092          PARAMETER       ADDRESS=SGN$GL_LRPSIZE,-;
000C  1093                          DEFAULT=576,-               ;
000C  1094                          MIN=256,-                   ;
000C  1095                          MAX=16384,-                 ;
000C  1096                          NAME=LRPSIZE,-              ;
000C  1097                          SIZE=LONG,-                 ;
000C  1098                          TYPE=<SYS,SYSGEN>,-         ;
000C  1099                          UNIT=<Bytes>                ;
000C  1100 ;
000C  1101 ; MINIMUM ALLOCATION REQUEST FOR LARGE REQUEST PACKETS (BYTES)
000C  1102 ;
000C  1103          PARAMETER       ADDRESS=SGN$GL_LRPMIN,-;
000C  1104                          DEFAULT=480,-               ;
000C  1105                          MIN=256,-                   ;
000C  1106                          MAX=16384,-                 ;
000C  1107                          NAME=LRPMIN,-               ;
000C  1108                          SIZE=LONG,-                 ;
000C  1109                          TYPE=<SPECIAL>,-            ;
000C  1110                          UNIT=<Bytes>                ;
000C  1111 ;
000C  1112 ; NUMBER OF SMALL REQUEST PACKETS TO ALLOCATE TO THE SRP LOOK ASIDE LIST
000C  1113 ;
000C  1114          PARAMETER       ADDRESS=SGN$GL_SRPCNT,-;
000C  1115                          DEFAULT=120,-               ;
000C  1116                          MIN=0,-                     ;
000C  1117                          MAX=4096,-                  ;
000C  1118                          NAME=SRPCOUNT,-             ;
000C  1119                          SIZE=LONG,-                 ;
000C  1120                          TYPE=<SYS,SYSGEN,MAJOR>,-       ;
000C  1121                          UNIT=<Packets>              ;
000C  1122 ;
000C  1123 ; NUMBER OF SMALL REQUEST PACKETS TO WHICH THE SRP LOOK ASIDE LIST
000C  1124 ; MAY BE EXTENDED.  USED TO ALLOCATE THE APPROPRIATE VIRTUAL SPACE.
000C  1125 ;
000C  1126          PARAMETER       ADDRESS=SGN$GL_SRPCNTV,-;
```

```
000C  1127                              DEFAULT=1000,-          ;
000C  1128                              MIN=0,-                 ;
000C  1129                              MAX=131072,-            ;
000C  1130                              NAME=SRPCOUNTV,-        ;
000C  1131                              SIZE=LONG,-             ;
000C  1132                              TYPE=<SYS,SYSGEN>,-     ;
000C  1133                              UNIT=<Packets>          ;
000C  1134 ;
000C  1135 ; SIZE OF SMALL REQUEST PACKETS (BYTES)
000C  1136 ;
000C  1137              PARAMETER       ADDRESS=SGN$GL_SRPSIZE,-;
000C  1138                              DEFAULT=96,-            ;
000C  1139                              MIN=96,-                ;
000C  1140                              MAX=144,-               ;
000C  1141                              NAME=SRPSIZE,-          ;
000C  1142                              SIZE=LONG,-             ;
000C  1143                              TYPE=<SPECIAL>,-        ;
000C  1144                              UNIT=<Bytes>            ;
000C  1145 ;
000C  1146 ; MINIMUM ALLOCATION REQUEST FOR SMALL REQUEST PACKETS (BYTES)
000C  1147 ;
000C  1148              PARAMETER       ADDRESS=SGN$GL_SRPMIN,-;
000C  1149                              DEFAULT=32,-            ;
000C  1150                              MIN=0,-                 ;
000C  1151                              MAX=144,-               ;
000C  1152                              NAME=SRPMIN,-           ;
000C  1153                              SIZE=LONG,-             ;
000C  1154                              TYPE=<SPECIAL>,-        ;
000C  1155                              UNIT=<Bytes>            ;
000C  1156 ;
000C  1157 ;       PERMANENT I/O CHANNEL COUNT - SPECIFES THE NUMBER OF PERMANENT I/O
000C  1158 ;       CHANNELS TO PROVIDE.
000C  1159 ;
000C  1160              PARAMETER       ADDRESS=SGN$GW_PCHANCNT,-       ;
000C  1161                              DEFAULT=127,-           ;
000C  1162                              MIN=31,-                ;
000C  1163                              MAX=2047,-              ;
000C  1164                              NAME=CHANNELCNT,-       ;
000C  1165                              SIZE=WORD,-             ;
000C  1166                              TYPE=<SPECIAL>,-        ;
000C  1167                              UNIT=Channels
000C  1168 ;
000C  1169 ;       PROCESS I/O PAGES - SPECIFIES THE NUMBER OF PAGES OF PROCESS
000C  1170 ;       I/O ADDRESS SPACE FOR PRCSTRT TO CREATE.
000C  1171 ;
000C  1172              PARAMETER       ADDRESS=SGN$GW_PIOPAGES, - ;
000C  1173                              DEFAULT=120, -          ;
000C  1174                              MIN=10, -               ;
000C  1175                              NAME=PIOPAGES, -        ;
000C  1176                              SIZE=WORD, -            ;
000C  1177                              TYPE=<SPECIAL>, -       ;
000C  1178                              UNIT=Pages
000C  1179
000C  1180 ;
000C  1181 ;       CONTROL REGION IMPURE PAGES - SPECIFIES THE NUMBER OF PAGES OF
000C  1182 ;       PROCESS ALLOCATION REGION SPACE FOR PRCSTRT TO CREATE.
000C  1183 ;
```

```
000C  1184          PARAMETER       ADDRESS=SGN$GW_CTLPAGES, - ;
000C  1185                          DEFAULT=50, -             ;
000C  1186                          MIN=10, -                 ;
000C  1187                          NAME=CTLPAGES, -          ;
000C  1188                          SIZE=WORD, -              ;
000C  1189                          TYPE=<SPECIAL>, -         ;
000C  1190                          UNIT=Pages
000C  1191
000C  1192 ;
000C  1193 ; LIMIT ON USE OF THE PROCESS ALLOCATION REGION BY IMAGE REQUESTS
000C  1194 ;
000C  1195          PARAMETER       ADDRESS=SGN$GW_CTLIMGLIM, - ;
000C  1196                          DEFAULT=35,-              ;
000C  1197                          MIN=0, -                  ;
000C  1198                          NAME=CTLIMGLIM, -         ;
000C  1199                          SIZE=WORD, -              ;
000C  1200                          TYPE=<SPECIAL>, -         ;
000C  1201                          UNIT=Pages
000C  1202 ;
000C  1203 ; DEFAULT NUMBER OF PAGES OF IMAGE I/O ADDRESS SPACE USED BY
000C  1204 ;       THE IMAGE ACTIVATOR IF NOT SPECIFIED AT PROGRAM LINK TIME.
000C  1205 ;
000C  1206          PARAMETER       ADDRESS=SGN$GW_IMGIOCNT,-       ;
000C  1207                          DEFAULT=64,-              ;
000C  1208                          MIN=32,-                  ;
000C  1209                          NAME=IMGIOCNT,-           ;
000C  1210                          SIZE=WORD,-               ;
000C  1211                          TYPE=<DYNAMIC,SPECIAL>,-        ;
000C  1212                          UNIT=Pages
000C  1213          .PAGE
000C  1214          .SBTTL  CONTROL PARAMETERS
000C  1215
000C  1216          .IIF    NOT_DEFINED GETSYISW,   .ALIGN  WORD
000C  1217
000C  1218 ;
000C  1219 ;       GENERAL SYSTEM CONTROL PARAMETERS
000C  1220 ;
000C  1221          PARAMETER       ADDRESS=SCH$GW_QUAN,-   ; PROCESS QUANTUM
000C  1222                          DEFAULT=-20,-           ; NEGATED
000C  1223                          MIN=2,-                 ;
000C  1224                          MAX=32767,-             ;
000C  1225                          NAME=QUANTUM,-          ;
000C  1226                          SIZE=WORD,-             ;
000C  1227                          TYPE=<DYNAMIC,SYS,NEG,MAJOR>,-  ;
000C  1228                          UNIT=10Ms               ;
000C  1229 ;
000C  1230 ;       MODIFIED PAGE WRITER CONTROL PARAMETERS
000C  1231 ;
000C  1232          DEFINE  MPW$AW_INITVAL
000C  1233 ;
000C  1234 ;       PAGE WRITE CLUSTER FACTOR - SPECIFIES THE NUMBER OF PAGES TO ATTEMPT
000C  1235 ;       TO WRITE AS A SINGLE I/O TRANSFER TO CONTIGUOUS DISK.
000C  1236 ;
000C  1237          PARAMETER       ADDRESS=MPW$GW_MPWPFC,- ;
000C  1238                          DEFAULT=96,-            ;
000C  1239                          MIN=16,-                ;
000C  1240                          MAX=120,-               ;
```

```
000C  1241                      NAME=MPW_WRTCLUSTER,-   ;
000C  1242                      SIZE=WORD,-             ;
000C  1243                      TYPE=<SYSGEN,SYS>,-     ;
000C  1244                      UNIT=Pages
000C  1245 ;
000C  1246 ;       MODIFIED PAGE LIST HIGH LIMIT - THRESHOLD AT WHICH TO BEGIN WRITING
000C  1247 ;       MODIFIED PAGES.
000C  1248 ;
000C  1249         PARAMETER       ADDRESS=MPW$GW_HILIM,-  ;
000C  1250                         DEFAULT=500,-           ;
000C  1251                         MIN=0,-                 ;
000C  1252                         MAX=16384,-             ;
000C  1253                         NAME=MPW_HILIMIT,-      ;
000C  1254                         SIZE=WORD,-             ;
000C  1255                         TYPE=<SYSGEN,SYS>,-     ;
000C  1256                         UNIT=Pages
000C  1257 ;
000C  1258 ;       MODIFIED PAGE LIST LOW LIMIT - THRESHOLD AT WHICH MODIFIED PAGE WRITING
000C  1259 ;       WILL NORMALLY STOP.  WRITING STARTED AT THE HIGH LIMIT AND PAGES
000C  1260 ;       ARE WRITTEN IN CHUNKS CONTROLLED BY THE CLUSTER FACTOR. WHEN THE
000C  1261 ;       LENGTH OF THE MODIFIED PAGE LIST HAS BEEN REDUCED BELOW THE LOW LIMIT,
000C  1262 ;       WRITING CEASES UNTIL ENOUGH PAGES HAVE BEEN ADDED TO EXCEED THE
000C  1263 ;       HIGH LIMIT.
000C  1264 ;
000C  1265         PARAMETER       ADDRESS=MPW$GW_LOLIM,-  ;
000C  1266                         DEFAULT=32,-            ;
000C  1267                         MIN=0,-                 ;
000C  1268                         MAX=16384,-             ;
000C  1269                         NAME=MPW_LOLIMIT,-      ;
000C  1270                         SIZE=WORD,-             ;
000C  1271                         TYPE=<SYSGEN,SYS>,-     ;
000C  1272                         UNIT=Pages
000C  1273 ;
000C  1274 ;       MODIFIED PAGE WRITER I/O PRIORITY.  THIS PARAMETER SETS THE PRIORITY OF
000C  1275 ;       I/O TRANSFERS INITIATED BY THE MODIFIED PAGE WRITER.
000C  1276 ;
000C  1277               PARAMETER       ADDRESS=MPW$GB_PRIO,-   ;
000C  1278                               DEFAULT=4,-             ;
000C  1279                               MIN=0,-                 ;
000C  1280                               MAX=31,-                ;
000C  1281                               NAME=MPW_PRIO,-         ;
000C  1282                               SIZE=BYTE,-             ;
000C  1283                               TYPE=<SPECIAL,DYNAMIC>  ;
000C  1284 ;
000C  1285 ;       SWAPPER I/O PRIORITY.  THIS PARAMETER SETS THE PRIORITY OF
000C  1286 ;       I/O TRANSFERS INITIATED BY THE SWAPPER.
000C  1287 ;
000C  1288               PARAMETER       ADDRESS=SWP$GB_PRIO,-   ;
000C  1289                               DEFAULT=4,-             ;
000C  1290                               MIN=0,-                 ;
000C  1291                               MAX=31,-                ;
000C  1292                               NAME=SWP_PRIO,- ;
000C  1293                               SIZE=BYTE,-             ;
000C  1294                               TYPE=<SPECIAL,DYNAMIC>  ;
000C  1295 ;
000C  1296 ;       MODIFIED PAGE WRITER LOWER LIMIT THRESHOLD STOPPING USE OF MODIFIED PAGE
000C  1297 ;       WRITER FROM BEING USED AS PRIMARY MECHANISM TO RECOVER MEMORY.
```

```
                                C 1
000C  1298 ;
000C  1299          PARAMETER       ADDRESS=MPW$GL_THRESH,-         ;
000C  1300                          DEFAULT=200,-                   ;
000C  1301                          MIN=0,-                         ;
000C  1302                          MAX=16384,-                     ;
000C  1303                          NAME=MPW_THRESH,-               ;
000C  1304                          SIZE=LONG,-                     ;
000C  1305                          TYPE=<SYS,DYNAMIC>              ;
000C  1306 ;
000C  1307 ; MODIFIED PAGE WRITER BUSY WAIT LIMIT.  THIS IS USED AS A THRESHOLD OF
000C  1308 ; WHEN TO PUT A PROCESS INTO RESOURCE WAIT IF IT IS GENERATING A MODIFIED
000C  1309 ; PAGE AND THE SIZE OF THE MODIFIED LIST IS GREATER THAN THIS PARAMETER.
000C  1310 ;
000C  1311          PARAMETER       ADDRESS=MPW$GL_WAITLIM,-        ;
000C  1312                          DEFAULT=500,-                   ;
000C  1313                          MIN=0,-                         ;
000C  1314                          MAX=16384,-                     ;
000C  1315                          NAME=MPW_WAITLIMIT,-            ;
000C  1316                          SIZE=LONG,-                     ;
000C  1317                          TYPE=<SYS,DYNAMIC>              ;
000C  1318 ;
000C  1319 ; MAXIMUM NUMBER OF WORKING SET LIST ENTRIES THAT MAY BE SKIPPED WHILE
000C  1320 ; SCANNING FOR A "GOOD" ENTRY TO DISCARD.  SET TO 0 TO DISABLE SKIPPING.
000C  1321 ;
000C  1322          PARAMETER       ADDRESS=SGN$GW_WSLMXSKP,-       ;
000C  1323                          DEFAULT=8,-                     ;
000C  1324                          MIN=0,-                         ;
000C  1325                          MAX=512,-                       ;
000C  1326                          NAME=TBSKIPWSL,-                ;
000C  1327                          SIZE=WORD,-                     ;
000C  1328                          TYPE=<DYNAMIC,SPECIAL>,-        ;
000C  1329                          UNIT=Pages
000C  1330
000C  1331 ;
000C  1332 ; Maximum number of physical pages to be used - permits testing of smaller
000C  1333 ; memory configurations without actually removing memory boards.
000C  1334 ;
000C  1335          PARAMETER       ADDRESS=MMG$GL_PHYPGCNT,-       ;
000C  1336                          DEFAULT=262144,-                ;
000C  1337                          MIN=2048,-                      ;
000C  1338                          MAX=262144,-                    ;
000C  1339                          NAME=PHYSICALPAGES,-            ;
000C  1340                          SIZE=LONG,-                     ;
000C  1341                          TYPE=<SPECIAL>,-                ;
000C  1342                          UNIT=Pages
000C  1343 ;
000C  1344 ; Page fault rate lower threshold.  This parameter sets the lower page fault rate
000C  1345 ; threshold for automatic working set size adjustment.
000C  1346 ;
000C  1347          PARAMETER       ADDRESS=SCH$GL_PFRATL,-         ;
000C  1348                          DEFAULT=0,-                     ;
000C  1349                          MIN=0,-                         ;
000C  1350                          NAME=PFRATL,-                   ;
000C  1351                          SIZE=LONG,-                     ;
000C  1352                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1353                          UNIT=Flts/10Sec                 ;
000C  1354 ;
```

```
                                                D 1
000C  1355 ; Page fault rate high threshold.  This parameter sets the upper page fault
000C  1356 ; rate threshold for automatic working set adjustment.
000C  1357 ;
000C  1358         PARAMETER       ADDRESS=SCH$GL_PFRATH,- ;
000C  1359                         DEFAULT=120,-   ;
000C  1360                         MIN=0,- ;
000C  1361                         NAME=PFRATH,-   ;
000C  1362                         SIZE=LONG,-     ;
000C  1363                         TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1364                         UNIT=Flts/10Sec ;
000C  1365 ;
000C  1366 ; Page fault rate system threshold.  This parameter sets the target system page
000C  1367 ; fault threshold.
000C  1368 ;
000C  1369         PARAMETER       ADDRESS=SCH$GL_PFRATS,- ;
000C  1370                         DEFAULT=0,-     ;
000C  1371                         MIN=0,- ;
000C  1372                         NAME=PFRATS,-   ;
000C  1373                         SIZE=LONG,-     ;
000C  1374                         TYPE=<SPECIAL,DYNAMIC>,-        ;
000C  1375                         UNIT=Flts/10Sec ;
000C  1376 ;
000C  1377 ; Working set increment.  This parameter sets the number of pages to increase the
000C  1378 ; working set size to compensate for a high page fault rate.
000C  1379 ;
000C  1380         PARAMETER       ADDRESS=SCH$GL_WSINC,-  ;
000C  1381                         DEFAULT=150,-   ;
000C  1382                         MIN=0,- ;
000C  1383                         NAME=WSINC,-    ;
000C  1384                         SIZE=LONG,-     ;
000C  1385                         TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1386                         UNIT=Pages      ;
000C  1387 ;
000C  1388 ; Working set decrement.  This parameter sets the number of pages to decrease
000C  1389 ; the working set to compensate for a page fault rate below the lower threshold.
000C  1390 ;
000C  1391         PARAMETER       ADDRESS=SCH$GL_WSDEC,-  ;
000C  1392                         DEFAULT=35,-    ;
000C  1393                         MIN=0,- ;
000C  1394                         NAME=WSDEC,-    ;
000C  1395                         SIZE=LONG,-     ;
000C  1396                         TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1397                         UNIT=Pages      ;
000C  1398 ;
000C  1399 ; Working set minimum. Sets the minimum working set size to ever be set
000C  1400 ; by the automatic adjustment logic.
000C  1401 ;
000C  1402         PARAMETER       ADDRESS=SCH$GW_AWSMIN,- ;
000C  1403                         DEFAULT=50,-    ;
000C  1404                         MIN=0,-         ;
000C  1405                         NAME=AWSMIN,-   ;
000C  1406                         SIZE=WORD,-     ;
000C  1407                         TYPE=<SYS,DYNAMIC>,-;
000C  1408                         UNIT=Pages      ;
000C  1409 ;
000C  1410 ; Working set measurement interval.  Sets the minimum interval of compute
000C  1411 ; time for the measurement of page fault rate.
```

```
000C  1412 ;
000C  1413          PARAMETER       ADDRESS=SCH$GL_AWSTIME,-        ;
000C  1414                          DEFAULT=20,-    ;
000C  1415                          MIN=1,-         ;
000C  1416                          NAME=AWSTIME,-  ;
000C  1417                          SIZE=LONG,-     ;
000C  1418                          TYPE=<SYS,DYNAMIC>,-;
000C  1419                          UNIT=10Ms       ;
000C  1420 ;
000C  1421 ; Swap rate control.  This parameter sets the swapping rate and serves to limit
000C  1422 ; the consumption of disk bandwidth by swapping.
000C  1423 ;
000C  1424          PARAMETER       ADDRESS=SCH$GL_SWPRATE,-        ;
000C  1425                          DEFAULT=500,-   ;
000C  1426                          MIN=0,- ;
000C  1427                          NAME=SWPRATE,-  ;
000C  1428                          SIZE=LONG,-     ;
000C  1429                          TYPE=<SPECIAL,DYNAMIC>,-        ;
000C  1430                          UNIT=10Ms/Swap  ;
000C  1431 ;
000C  1432 ; Desired process page count for an outswap swap.  This parameter sets the
000C  1433 ; number of pages to attempt to reduce a working set to before starting the
000C  1434 ; outswap.
000C  1435 ;
000C  1436          PARAMETER       ADDRESS=SWP$GL_SWPPGCNT,-       ;
000C  1437                          DEFAULT=60,-    ;
000C  1438                          MIN=0,- ;
000C  1439                          NAME=SWPOUTPGCNT,-      ;
000C  1440                          SIZE=LONG,-     ;
000C  1441                          TYPE=<SYS,DYNAMIC>,-    ;
000C  1442                          UNIT=Pages      ;
000C  1443 ;
000C  1444 ; Swap file allocation increment value.  The size in blocks to use to backup
000C  1445 ; swap file space allocation in the swap o' page file.  Space in the file will
000C  1446 ; be allocated multiples of this unit  p to wsquota to guarantee swap space.
000C  1447 ;
000C  1448          PARAMETER       ADDRESS=SWP$GW_SWPINC,- ;
000C  1449                          DEFAULT=96,-            ;
000C  1450                          MIN=16,-                ;
000C  1451                          NAME=SWPALLOCINC,-      ;
000C  1452                          SIZE=WORD,-             ;
000C  1453                          TYPE=<SPECIAL>,-        ;
000C  1454                          UNIT=Blocks             ;
000C  1455 ;
000C  1456 ;       I/O time allowance.  This parameter sets the number of 10 millisecond
000C  1457 ;       units to charge the current residence quantum for each voluntary wait.
000C  1458 ;       The correct value approximates the cost of a disk I/O neglecting wait time.
000C  1459 ;
000C  1460          PARAMETER       ADDRESS=SCH$GW_IOTA,-   ;
000C  1461                          DEFAULT=2,-     ;
000C  1462                          MIN=0,- ;
000C  1463                          MAX=32767,-     ;
000C  1464                          NAME=IOTA,-     ;
000C  1465                          SIZE=WORD,-     ;
000C  1466                          TYPE=<SPECIAL,DYNAMIC>,-        ;
000C  1467                          UNIT=10Ms       ;
000C  1468 ;
```

```
000C  1469 ;       Elapsed realtime to cause a HIB or LEF process to look like it is in
000C  1470 ;       longwait.  This parameter sets the number of 1 second units
000C  1471 ;       that need to have elapsed.  Longwait processes are one of the most
000C  1472 ;       eligible to attempt to recover pages from when a shortage is detected.
000C  1473 ;
000C  1474         PARAMETER       ADDRESS=SCH$GW_LONGWAIT,-       ,
000C  1475                         DEFAULT=30,-    ;
000C  1476                         MIN=0,- ;
000C  1477                         MAX=65535,-     ;
000C  1478                         NAME=LONGWAIT,- ;
000C  1479                         SIZE=WORD,-     ;
000C  1480                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1481                         UNIT=Seconds    ;
000C  1482 ;
000C  1483 ;       Elapsed realtime to cause a low priority COM process to look like it is
000C  1484 ;       dormant. This parameter sets the number of 1 second units
000C  1485 ;       that need to have elapsed.  Dormant processes are one of the most
000C  1486 ;       eligible to attempt to recover pages from when a shortage is detected.
000C  1487 ;
000C  1488         PARAMETER       ADDRESS=SCH$GW_DORMANTWAIT,-    ;
000C  1489                         DEFAULT=10,-    ;
000C  1490                         MIN=0,- ;
000C  1491                         MAX=65535,-     ;
000C  1492                         NAME=DORMANTWAIT,-      ;
000C  1493                         SIZE=WORD,-     ;
000C  1494                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1495                         UNIT=Seconds    ;
000C  1496 ;
000C  1497 ;       Swap fail count. This parameter sets the number of consecutive swap
000C  1498 ;       schedule failures to occur before the swap schedule algorithm changes
000C  1499 ;       to ignore the swap quantum protection.
000C  1500 ;
000C  1501         PARAMETER       ADDRESS=SCH$GW_SWPFAIL,-        ;
000C  1502                         DEFAULT=20,-    ;
000C  1503                         MIN=0,- ;
000C  1504                         MAX=32767,-     ;
000C  1505                         NAME=SWPFAIL,-  ;
000C  1506                         SIZE=WORD,-     ;
000C  1507                         TYPE=<SPECIAL,DYNAMIC>  ;
000C  1508
000C  1509 ;
000C  1510 ;       These are reserved parameters for undefined use by either Digital
000C  1511 ;       or user written system services.
000C  1512 ;
000C  1513 ;
000C  1514 ;       This is the start of the Digital reserved parameters.
000C  1515 ;
000C  1516
000C  1517         PARAMETER       ADDRESS=SGN$GL_VMSD1,-  ;
000C  1518                         DEFAULT=0,-     ;
000C  1519                         MIN=0,- ;
000C  1520                         NAME=VMSD1,-    ;
000C  1521                         SIZE=LONG,-     ;
000C  1522                         TYPE=<SPECIAL,DYNAMIC>  ;
000C  1523 ;
000C  1524         PARAMETER       ADDRESS=SGN$GL_VMSD2,-  ;
000C  1525                         DEFAULT=0,-     ;
```

```
000C  1526                              MIN=0,- ;
000C  1527                              NAME=VMSD2,-    ;
000C  1528                              SIZE=LONG,-     ;
000C  1529                              TYPE=<SPECIAL,DYNAMIC>  ;
000C  1530 ;
000C  1531          PARAMETER           ADDRESS=SGN$GL_VMSD3,-  ;
000C  1532                              DEFAULT=0,-     ;
000C  1533                              MIN=0,- ;
000C  1534                              NAME=VMSD3,-    ;
000C  1535                              SIZE=LONG,-     ;
000C  1536                              TYPE=<SPECIAL,DYNAMIC>  ;
000C  1537 ;
000C  1538          PARAMETER           ADDRESS=SGN$GL_VMSD4,-  ;
000C  1539                              DEFAULT=0,-     ;
000C  1540                              MIN=0,- ;
000C  1541                              NAME=VMSD4,-    ;
000C  1542                              SIZE=LONG,-     ;
000C  1543                              TYPE=<SPECIAL,DYNAMIC>  ;
000C  1544 ;
000C  1545          PARAMETER           ADDRESS=SGN$GL_VMS5,-   ;
000C  1546                              DEFAULT=0,-     ;
000C  1547                              MIN=0,- ;
000C  1548                              NAME=VMS5,-     ;
000C  1549                              SIZE=LONG,-     ;
000C  1550                              TYPE=<SPECIAL>  ;
000C  1551 ;
000C  1552          PARAMETER           ADDRESS=SGN$GL_VMS6,-   ;
000C  1553                              DEFAULT=0,-     ;
000C  1554                              MIN=0,- ;
000C  1555                              NAME=VMS6,-     ;
000C  1556                              SIZE=LONG,-     ;
000C  1557                              TYPE=<SPECIAL>  ;
000C  1558 ;
000C  1559          PARAMETER           ADDRESS=SGN$GL_VMS7,-   ;
000C  1560                              DEFAULT=0,-     ;
000C  1561                              MIN=0,- ;
000C  1562                              NAME=VMS7,-     ;
000C  1563                              SIZE=LONG,-     ;
000C  1564                              TYPE=<SPECIAL>  ;
000C  1565 ;
000C  1566          PARAMETER           ADDRESS=SGN$GL_VMS8,-   ;
000C  1567                              DEFAULT=0,-     ;
000C  1568                              MIN=0,- ;
000C  1569                              NAME=VMS8,-     ;
000C  1570                              SIZE=LONG,-     ;
000C  1571                              TYPE=<SPECIAL>  ;
000C  1572
000C  1573 ;
000C  1574 ;         This is the start of the user reserved sysgen parameters.
000C  1575 ;
000C  1576          PARAMETER           ADDRESS=SGN$GL_USERD1,- ;
000C  1577                              DEFAULT=0,-     ;
000C  1578                              MIN=0,- ;
000C  1579                              NAME=USERD1,-   ;
000C  1580                              SIZE=LONG,-     ;
000C  1581                              TYPE=<DYNAMIC>  ;
000C  1582 ;
```

```
000C  1583          PARAMETER       ADDRESS=SGN$GL_USERD2,- ;
000C  1584                          DEFAULT=0,-     ;
000C  1585                          MIN=0,- ;
000C  1586                          NAME=USERD2,-   ;
000C  1587                          SIZE=LONG,-     ;
000C  1588                          TYPE=<DYNAMIC>  ;
000C  1589 ;
000C  1590          PARAMETER       ADDRESS=SGN$GL_USER3,-  ;
000C  1591                          DEFAULT=0,-     ;
000C  1592                          MIN=0,- ;
000C  1593                          NAME=USER3,-    ;
000C  1594                          SIZE=LONG,-     ;
000C  1595                          TYPE=<>         ;
000C  1596 ;
000C  1597          PARAMETER       ADDRESS=SGN$GL_USER4,-  ;
000C  1598                          DEFAULT=0,-     ;
000C  1599                          MIN=0,- ;
000C  1600                          NAME=USER4,-    ;
000C  1601                          SIZE=LONG,-     ;
000C  1602                          TYPE=<>         ;
000C  1603
000C  1604 ;
000C  1605 ;         Extra CPU time.  This parameter sets the number of 10 millisecond
000C  1606 ;         units to be allowed as an extension when CPU time expires.  One
000C  1607 ;         extension is allowed for each access mode.
000C  1608 ;
000C  1609          PARAMETER       ADDRESS=SGN$GL_EXTRACPU,-       ;
000C  1610                          DEFAULT=1000,-  ; 10 Seconds
000C  1611                          MIN=0,-         ;
000C  1612                          NAME=EXTRACPU,- ;
000C  1613                          SIZE=LONG,-     ;
000C  1614                          TYPE=<SYS,DYNAMIC>,-    ;
000C  1615                          UNIT=10Ms       ;
000C  1616
000C  1617 ;
000C  1618 ; Maximum group code for system UIC
000C  1619 ;
000C  1620          PARAMETER       ADDRESS=EXE$GL_SYSUIC,- ;
000C  1621                          DEFAULT=8,-     ;
000C  1622                          MIN=1,-         ;
000C  1623                          MAX=32768,-     ;
000C  1624                          NAME=MAXSYSGROUP,-      ;
000C  1625                          SIZE=LONG,-     ;
000C  1626                          TYPE=<SYS,DYNAMIC>,-    ;
000C  1627                          UNIT=<UIC Group>
000C  1628 ;
000C  1629 ; Maximum time for a device to languish in mount verification before giving up.
000C  1630 ;
000C  1631          PARAMETER       ADDRESS=IOC$GW_MVTIMEOUT,-
000C  1632                          DEFAULT=600,-                   ; 10 minute default
000C  1633                          MIN=1,-
000C  1634                          MAX=64000,-                     ;
000C  1635                          NAME=MVTIMEOUT,-                ;
000C  1636                          SIZE=WORD,-
000C  1637                          TYPE=<SYS,DYNAMIC>,-
000C  1638                          UNIT=Seconds
000C  1639 ;
```

```
                                                I  1

000C  1640 ; Maximum allowable buffered I/O request size
000C  1641 ;
000C  1642         PARAMETER       ADDRESS=IOC$GW_MAXBUF,- ;
000C  1643                         DEFAULT=1584,-  ;
000C  1644                         MIN=1200,-      ;
000C  1645                         MAX=64000,-     ;
000C  1646                         NAME=MAXBUF,-   ;
000C  1647                         SIZE=WORD,-     ;
000C  1648                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1649                         UNIT=Bytes
000C  1650 ;
000C  1651 ; Default buffer quota for Mailbox creation
000C  1652 ;
000C  1653         PARAMETER       ADDRESS=IOC$GW_MBXBFQUO,-       ;
000C  1654                         DEFAULT=1056,-  ;
000C  1655                         MIN=256,-       ;
000C  1656                         MAX=64000,-     ;
000C  1657                         NAME=DEFMBXBUFQUO,-     ;
000C  1658                         SIZE=WORD,-     ;
000C  1659                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1660                         UNIT=Bytes
000C  1661 ;
000C  1662 ; Default maximum message size for Mailbox creation
000C  1663 ;
000C  1664         PARAMETER       ADDRESS=IOC$GW_MBXMXMSG,-       ;
000C  1665                         DEFAULT=256,-   ;
000C  1666                         MIN=64,-        ;
000C  1667                         MAX=64000,-     ;
000C  1668                         NAME=DEFMBXMXMSG,-      ;
000C  1669                         SIZE=WORD,-     ;
000C  1670                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1671                         UNIT=Bytes
000C  1672 ;
000C  1673 ; Default number of messages for Mailbox creation
000C  1674 ;
000C  1675         PARAMETER       ADDRESS=IOC$GW_MBXNMMSG,-       ;
000C  1676                         DEFAULT=16,-    ;
000C  1677                         MIN=1,-         ;
000C  1678                         NAME=DEFMBXNUMMSG,-     ;
000C  1679                         SIZE=WORD,-     ;
000C  1680                         TYPE=<SYS,DYNAMIC>,-    ;
000C  1681                         UNIT=Messages
000C  1682 ;
000C  1683 ;       DESIRED FREE LIST LENGTH - SPECIFIES THE NUMBER OF FREE PAGES TO
000C  1684 ;                       BE MAINTAINED AVAILABLE BY THE SWAPPER.
000C  1685 ;
000C  1686         PARAMETER       ADDRESS=SGN$GL_FREELIM,-        ;
000C  1687                         DEFAULT=32,-            ;
000C  1688                         MIN=16,-                ;
000C  1689                         NAME=FREELIM,-          ;
000C  1690                         SIZE=LONG,-             ;
000C  1691                         TYPE=<SYS,SYSGEN,MAJOR>,-       ;
000C  1692                         UNIT=Pages
000C  1693 ;
000C  1694 ;       Target free list length - specifies the number of free pages
000C  1695 ;                       that the swapper will attempt to make available
000C  1696 ;                       when correcting for free list < FREELIM.
```

```
000C  1697 ;
000C  1698          PARAMETER       ADDRESS=SGN$GL_FREEGOAL,-       ;
000C  1699                          DEFAULT=200,-                   :
000C  1700                          MIN=16,-                        :
000C  1701                          NAME=FREEGOAL,-                 :
000C  1702                          SIZE=LONG,-                     :
000C  1703                          TYPE=<SYS,MAJOR>,-              :
000C  1704                          UNIT=Pages
000C  1705 ;
000C  1706 ;        DESIRED FREE LIST LENGTH THAT MUST EXIST TO ALLOW PROCESSES
000C  1707 ;                        TO GROW PAST WSQUOTA.
000C  1708 ;
000C  1709          PARAMETER       ADDRESS=SCH$GL_GROWLIM,-;
000C  1710                          DEFAULT=63,-                    :
000C  1711                          MIN=0,-                         :
000C  1712                          NAME=GROWLIM,-                  :
000C  1713                          SIZE=LONG,-                     :
000C  1714                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1715                          UNIT=Pages
000C  1716 ;
000C  1717 ;        DESIRED FREE LIST LENGTH THAT MUST EXIST TO ALLOW PROCESSES
000C  1718 ;                        TO GROW PAST WSQUOTA.
000C  1719 ;
000C  1720          PARAMETER       ADDRESS=SCH$GL_BORROWLIM,-      ;
000C  1721                          DEFAULT=300,-                   :
000C  1722                          MIN=0,-                         :
000C  1723                          NAME=BORROWLIM,-                :
000C  1724                          SIZE=LONG,-                     :
000C  1725                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C  1726                          UNIT=Pages
000C  1727 ;
000C  1728 ; NUMBER OF RETRIES TO PERFORM WHEN TRYING TO LOCK A MULTI-PROCESSOR
000C  1729 ; DATA STRUCTURE
000C  1730 ;
000C  1731          PARAMETER       ADDRESS=EXE$GL_LOCKRTRY,-       ;
000C  1732                          DEFAULT=100000,-                :
000C  1733                          MIN=1,-                         :
000C  1734                          NAME=LOCKRETRY,-                :
000C  1735                          SIZE=LONG,-                     :
000C  1736                          TYPE=<SPECIAL,DYNAMIC>,-;
000C  1737                          UNIT=Retries
000C  1738 ;
000C  1739 ; Maximum DR32 data rate
000C  1740 ;
000C  1741          PARAMETER       ADDRESS=IOC$GW_XFMXRATE,-       ;
000C  1742                          DEFAULT=236,-                   :
000C  1743                          MIN=0,-                         :
000C  1744                          MAX=255,-                       :
000C  1745                          NAME=XFMAXRATE,-                :
000C  1746                          SIZE=WORD,-                     :
000C  1747                          TYPE=<SYS,DYNAMIC>,-            ;
000C  1748                          UNIT=Special
000C  1749 ;
000C  1750 ; Number of Unibus map registers to preallocate for LPA11
000C  1751 ;
000C  1752          PARAMETER       ADDRESS=IOC$GW_LAMAPREG,-       ;
000C  1753                          DEFAULT=0,-                     ;
```

```
000C  1754                            MIN=0,-                 ;
000C  1755                            MAX=255,-               ;
000C  1756                            NAME=LAMAPREGS,-        ;
000C  1757                            SIZE=WORD,-             ;
000C  1758                            TYPE=<SYS,SYSGEN>,-             ;
000C  1759                            UNIT=Mapregs
000C  1760
000C  1761 ;
000C  1762 ; Number of SPT entries to preallocate for use by real time processes
000C  1763 ; connecting to devices via the connect to interrupt driver.
000C  1764 ;
000C  1765
000C  1766          PARAMETER         ADDRESS=EXE$GL_RTIMESPT,-
000C  1767                            DEFAULT=0,-
000C  1768                            MIN=0,-
000C  1769                            NAME=REALTIME_SPTS,-
000C  1770                            SIZE=LONG,-
000C  1771                            TYPE=<SYS,SYSGEN>,-
000C  1772                            UNIT=Pages
000C  1773
000C  1774 ;
000C  1775 ; Number of pages created for command interpreter symbol table.
000C  1776 ;
000C  1777
000C  1778          PARAMETER         ADDRESS=EXE$GL_CLITABL,-
000C  1779                            DEFAULT=60,-
000C  1780                            MIN=10,-
000C  1781                            MAX=128,-
000C  1782                            NAME=CLISYMTBL,-
000C  1783                            SIZE=LONG,-
000C  1784                            TYPE=<SYS,SYSGEN,DYNAMIC>,-
000C  1785                            UNIT=Pages
000C  1786
000C  1787 ;
000C  1788 ; Initial size of lock id table (and growing increment).
000C  1789 ;
000C  1790
000C  1791          PARAMETER         ADDRESS=LCK$GL_IDTBLSIZ,-
000C  1792                            DEFAULT=200,-
000C  1793                            MIN=40,-
000C  1794                            MAX=65535,-
000C  1795                            NAME=LOCKIDTBL,-
000C  1796                            SIZE=LONG,-
000C  1797                            TYPE=<SYS,SYSGEN,MAJOR>,-
000C  1798                            UNIT=Entries
000C  1799
000C  1800 ;
000C  1801 ; Maximum size of lock id table.
000C  1802 ;
000C  1803
000C  1804          PARAMETER         ADDRESS=LCK$GL_IDTBLMAX,-
000C  1805                            DEFAULT=800,-
000C  1806                            MIN=200,-
000C  1807                            MAX=65535,-
000C  1808                            NAME=LOCKIDTBL_MAX,-
000C  1809                            SIZE=LONG,-
000C  1810                            TYPE=<SYS,SYSGEN,MAJOR,DYNAMIC>,-
```

```
000C  1811                          UNIT=Entries
000C  1812
000C  1813 ;
000C  1814 ; Size of resource hash table.
000C  1815 ;
000C  1816
000C  1817          PARAMETER       ADDRESS=LCK$GL_HTBLSIZ,-
000C  1818                          DEFAULT=64,-
000C  1819                          MIN=1,-
000C  1820                          MAX=8192,-
000C  1821                          NAME=RESHASHTBL,-
000C  1822                          SIZE=LONG,-
000C  1823                          TYPE=<SYS,SYSGEN,MAJOR>,-
000C  1824                          UNIT=Entries
000C  1825
000C  1826 ;
000C  1827 ; Deadlock detection timeout period
000C  1828 ;
000C  1829
000C  1830          PARAMETER       ADDRESS=LCK$GL_WAITTIME,-
000C  1831                          DEFAULT=10,-
000C  1832                          MIN=0,-
000C  1833                          NAME=DEADLOCK_WAIT,-
000C  1834                          SIZE=LONG,-
000C  1835                          TYPE=<SYS,DYNAMIC>,-
000C  1836                          UNIT=Seconds
000C  1837
000C  1838 ;
000C  1839 ; SCS allocation counts - Buffer Descriptor Table entries
000C  1840 ;
000C  1841          PARAMETER       ADDRESS=SCS$GW_BDTCNT,-
000C  1842                          DEFAULT=50,-
000C  1843                          MIN=0,-
000C  1844                          MAX=32767,-
000C  1845                          NAME=SCSBUFFCNT,-
000C  1846                          SIZE=WORD,-
000C  1847                          TYPE=<SYSGEN,SCS>,-
000C  1848                          UNIT=Entries
000C  1849
000C  1850 ;
000C  1851 ; SCS allocation counts - Connect Descriptor Table entries
000C  1852 ;
000C  1853          PARAMETER       ADDRESS=SCS$GW_CDTCNT,-
000C  1854                          DEFAULT=40,-
000C  1855                          MIN=2,-
000C  1856                          MAX=32767,-
000C  1857                          NAME=SCSCONNCNT,-
000C  1858                          SIZE=WORD,-
000C  1859                          TYPE=<SYSGEN,SCS>,-
000C  1860                          UNIT=Entries
000C  1861
000C  1862 ;
000C  1863 ; SCS allocation counts - Response Descriptor Table entries
000C  1864 ;
000C  1865          PARAMETER       ADDRESS=SCS$GW_RDTCNT,-
000C  1866                          DEFAULT=100,-
000C  1867                          MIN=0,-
```

```
000C  1868                              MAX=32767,-
000C  1869                              NAME=SCSRESPCNT,-
000C  1870                              SIZE=WORD,-
000C  1871                              TYPE=<SYSGEN,SCS>,-
000C  1872                              UNIT=Entries
000C  1873
000C  1874 ;
000C  1875 ; SCS maximum datagram size
000C  1876 ;
000C  1877
000C  1878          PARAMETER           ADDRESS=SCS$GW_MAXDG,-
000C  1879                              DEFAULT=576,-
000C  1880                              MIN=28,-
000C  1881                              MAX=985,-
000C  1882                              NAME=SCSMAXDG,-
000C  1883                              SIZE=WORD,-
000C  1884                              TYPE=<SYSGEN,SCS>,-
000C  1885                              UNIT=Bytes
000C  1886
000C  1887 ;
000C  1888 ; SCS maximum sequenced message size
000C  1889 ;
000C  1890
000C  1891          PARAMETER           ADDRESS=SCS$GW_MAXMSG,-
000C  1892                              DEFAULT=112,-
000C  1893                              MIN=52,-
000C  1894                              MAX=985,-
000C  1895                              NAME=SCSMAXMSG,-
000C  1896                              SIZE=WORD,-
000C  1897                              TYPE=<SYSGEN,SCS>,-
000C  1898                              UNIT=Bytes
000C  1899
000C  1900 ;
000C  1901 ; SCS flow control cushion
000C  1902 ;
000C  1903
000C  1904          PARAMETER           ADDRESS=SCS$GW_FLOWCUSH,-
000C  1905                              DEFAULT=1,-
000C  1906                              MIN=0,-
000C  1907                              MAX=16,-
000C  1908                              NAME=SCSFLOWCUSH,-
000C  1909                              SIZE=WORD,-
000C  1910                              TYPE=<SCS,DYNAMIC>,-
000C  1911                              UNIT=Credits
000C  1912
000C  1913 ;
000C  1914 ; SCS system id (unique 48 bit number per system)
000C  1915 ;
000C  1916
000C  1917          PARAMETER           ADDRESS=SCS$GB_SYSTEMID,-
000C  1918                              DEFAULT=0,-
000C  1919                              NAME=SCSSYSTEMID,-
000C  1920                              SIZE=LONG,-
000C  1921                              TYPE=<SYSGEN,SCS>,-
000C  1922                              UNIT=Pure-number
000C  1923
000C  1924          PARAMETER           ADDRESS=SCS$GB_SYSTEMIDH,-
```

```
000C  1925                             DEFAULT=0,-
000C  1926                             NAME=SCSSYSTEMIDH,-
000C  1927                             SIZE=LONG,-
000C  1928                             TYPE=<SYSGEN,SCS>,-
000C  1929                             UNIT=Pure-number
000C  1930
000C  1931 ;
000C  1932 ; SCS system node name
000C  1933 ;
000C  1934
000C  1935             PARAMETER       ADDRESS=SCS$GB_NODENAME,-
000C  1936                             DEFAULT=<^A/    />,-
000C  1937                             MIN=<^A/    />,-
000C  1938                             MAX=<^A/ZZZZ/>,-
000C  1939                             NAME=SCSNODE,-
000C  1940                             SIZE=QUAD,-
000C  1941                             TYPE=<ASCII,SYSGEN,SCS>,-
000C  1942                             UNIT=Ascii
000C  1943
000C  1944 ;
000C  1945 ; SCA process poller - polling interval
000C  1946 ;
000C  1947
000C  1948             PARAMETER       ADDRESS=SCS$GW_PRCPOLINT,-
000C  1949                             DEFAULT=15,-
000C  1950                             MIN=1,-
000C  1951                             MAX=32767,-
000C  1952                             NAME=PRCPOLINTERVAL,-
000C  1953                             SIZE=WORD,-
000C  1954                             TYPE=<SCS,DYNAMIC>,-
000C  1955                             UNIT=Seconds
000C  1956
000C  1957 ;
000C  1958 ; CI port - timeout for START/STACK sequence, also basic driver wakeup interval
000C  1959 ;
000C  1960
000C  1961             PARAMETER       ADDRESS=SCS$GW_PASTMOUT,-
000C  1962                             DEFAULT=5,-
000C  1963                             MIN=1,-
000C  1964                             MAX=99,-
000C  1965                             NAME=PASTIMOUT,-
000C  1966                             SIZE=WORD,-
000C  1967                             TYPE=<SCS,DYNAMIC>,-
000C  1968                             UNIT=Seconds
000C  1969
000C  1970 ;
000C  1971 ; CI port - number of DG buffers to queue for START handshake
000C  1972 ;
000C  1973
000C  1974             PARAMETER       ADDRESS=SCS$GW_PAPPDDG,-
000C  1975                             DEFAULT=4,-
000C  1976                             MIN=1,-
000C  1977                             MAX=16,-
000C  1978                             NAME=PASTDGBUF,-
000C  1979                             SIZE=WORD,-
000C  1980                             TYPE=<SCS>,-
000C  1981                             UNIT=Buffers
```

```
000C  1982
000C  1983 ;
000C  1984 ; CI port - number of ports to poll each interval (for future expansion)
000C  1985 ;
000C  1986
000C  1987          PARAMETER       ADDRESS=SCS$GB_PANPOLL,-
000C  1988                          DEFAULT=16,-
000C  1989                          MIN=1,-
000C  1990                          MAX=223,-
000C  1991                          NAME=PANUMPOLL,-
000C  1992                          SIZE=BYTE,-
000C  1993                          TYPE=<SCS,DYNAMIC>,-
000C  1994                          UNIT=Ports
000C  1995
000C  1996 ;
000C  1997 ; CI port - maximum port # to poll each interval (for future expansion)
000C  1998 ;
000C  1999
000C  2000          PARAMETER       ADDRESS=SCS$GB_PAMXPORT,-
000C  2001                          DEFAULT=15,-
000C  2002                          MIN=0,-
000C  2003                          MAX=223,-
000C  2004                          NAME=PAMAXPORT,-
000C  2005                          SIZE=BYTE,-
000C  2006                          TYPE=<SCS,DYNAMIC>,-
000C  2007                          UNIT=Port-number
000C  2008 ;
000C  2009 ; CI port - time between poll initiates
000C  2010 ;
000C  2011
000C  2012          PARAMETER       ADDRESS=SCS$GW_PAPOLINT,-
000C  2013                          DEFAULT=5,-
000C  2014                          MIN=1,-
000C  2015                          MAX=32767,-
000C  2016                          NAME=PAPOLLINTERVAL,-
000C  2017                          SIZE=WORD,-
000C  2018                          TYPE=<SCS,DYNAMIC>,-
000C  2019                          UNIT=Seconds
000C  2020
000C  2021 ;
000C  2022 ; CI port - time between check for SYSAP's waiting for pool
000C  2023 ;
000C  2024
000C  2025          PARAMETER       ADDRESS=SCS$GW_PAPOOLIN,-
000C  2026                          DEFAULT=15,-
000C  2027                          MIN=1,-
000C  2028                          MAX=32767,-
000C  2029                          NAME=PAPOOLINTERVAL,-
000C  2030                          SIZE=WORD,-
000C  2031                          TYPE=<SCS,DYNAMIC>,-
000C  2032                          UNIT=Seconds
000C  2033
000C  2034 ;
000C  2035 ; CI port - Flags including sanity timer enable/disable
000C  2036 ;
000C  2037
000C  2038          PARAMETER       ADDRESS=SCS$GB_PASANITY,-
```

```
000C  2039                          DEFAULT=1,-
000C  2040                          MIN=0,-
000C  2041                          MAX=1,-
000C  2042                          NAME=PASANITY,-
000C  2043                          SIZE=BYTE,-
000C  2044                          TYPE=<SCS,DYNAMIC>,-
000C  2045                          UNIT=Boolean
000C  2046
000C  2047 ;
000C  2048 ; CI port - Flags including CI remote port polling enable/disable
000C  2049 ;
000C  2050
000C  2051          PARAMETER       ADDRESS=SCS$GB_PANOPOLL,-
000C  2052                          DEFAULT=0,-
000C  2053                          MIN=0,-
000C  2054                          MAX=1,-
000C  2055                          NAME=PANOPOLL,-
000C  2056                          SIZE=BYTE,-
000C  2057                          TYPE=<SCS,DYNAMIC>,-
000C  2058                          UNIT=Boolean
000C  2059
000C  2060 ;
000C  2061 ; This is the start of the PEDRIVER reserved SYSGEN parameters.
000C  2062 ;
000C  2063
000C  2064          PARAMETER       ADDRESS=SGN$GL_PE1,-
000C  2065                          DEFAULT=0,-
000C  2066                          MIN=0,-
000C  2067                          NAME=PE1,-
000C  2068                          SIZE=LONG,-
000C  2069                          TYPE=<SPECIAL,DYNAMIC>
000C  2070
000C  2071          PARAMETER       ADDRESS=SGN$GL_PE2,-
000C  2072                          DEFAULT=0,-
000C  2073                          MIN=0,-
000C  2074                          NAME=PE2,-
000C  2075                          SIZE=LONG,-
000C  2076                          TYPE=<SPECIAL,DYNAMIC>
000C  2077
000C  2078          PARAMETER       ADDRESS=SGN$GL_PE3,-
000C  2079                          DEFAULT=0,-
000C  2080                          MIN=0,-
000C  2081                          NAME=PE3,-
000C  2082                          SIZE=LONG,-
000C  2083                          TYPE=<SPECIAL,DYNAMIC>
000C  2084
000C  2085          PARAMETER       ADDRESS=SGN$GL_PE4,-
000C  2086                          DEFAULT=0,-
000C  2087                          MIN=0,-
000C  2088                          NAME=PE4,-
000C  2089                          SIZE=LONG,-
000C  2090                          TYPE=<SPECIAL,DYNAMIC>
000C  2091
000C  2092          PARAMETER       ADDRESS=SGN$GL_PE5,-
000C  2093                          DEFAULT=0,-
000C  2094                          MIN=0,-
000C  2095                          NAME=PE5,-
```

```
                                                D 2
000C  2096                              SIZE=LONG,-
000C  2097                              TYPE=<SPECIAL>
000C  2098
000C  2099          PARAMETER           ADDRESS=SGN$GL_PE6,-
000C  2100                              DEFAULT=0,-
000C  2101                              MIN=0,-
000C  2102                              NAME=PE6,-
000C  2103                              SIZE=LONG,-
000C  2104                              TYPE=<SPECIAL>
000C  2105
000C  2106 ;
000C  2107 ;       Time prompt timeout - this parameter sets the amount of time to wait
000C  2108 ;       for the time of day to be entered when booting.  The default value
000C  2109 ;       of -1 gives the behavior of V2 and earlier.
000C  2110 ;
000C  2111          PARAMETER           ADDRESS=SGN$GW_TPWAIT,-
000C  2112                              DEFAULT=-1,-
000C  2113                              MIN=0,-
000C  2114                              NAME=TIMEPROMPTWAIT,-
000C  2115                              SIZE=WORD,-
000C  2116                              TYPE=<SYS>,-
000C  2117                              UNIT=uFortnights        ; Close enough to seconds
000C  2118
000C  2119 ;
000C  2120 ; UDA port - UDABURSTRATE is one less than the maximum number of longwords
000C  2121 ;               the host is willing to allow per NPR transfer.  Zero implies
000C  2122 ;               the port should use its own default.  Both the port's
000C  2123 ;               default and the maximum the port will accept are Controller
000C  2124 ;               dependent.
000C  2125 ;
000C  2126
000C  2127          PARAMETER           ADDRESS=SCS$GB_UDABURST,-
000C  2128                              DEFAULT=0,-
000C  2129                              MIN=0,-
000C  2130                              MAX=31,-
000C  2131                              NAME=UDABURSTRATE,-
000C  2132                              SIZE=BYTE,-
000C  2133                              TYPE=<SYSGEN,SCS>,-
000C  2134                              UNIT=Longwords
000C  2135
000C  2136
000C  2137 ;
000C  2138 ; NOTE: The following two entries must be contiguous and in order!!!!
000C  2139 ;
000C  2140 ; Size of SYSTEM space logical name hash table.
000C  2141 ;
000C  2142
000C  2143          PARAMETER           ADDRESS=LNM$GL_HTBLSIZS,-
000C  2144                              DEFAULT=128,-
000C  2145                              MIN=1,-
000C  2146                              MAX=16383,-
000C  2147                              NAME=LNMSHASHTBL,-
000C  2148                              SIZE=LONG,-
000C  2149                              TYPE=<SYS,SYSGEN>,-
000C  2150                              UNIT=Entries
000C  2151
000C  2152 ;
```

```
000C  2153 ; Size of PROCESS space logical name hash table.
000C  2154 ;
000C  2155
000C  2156          PARAMETER       ADDRESS=LNM$GL_HTBLSIZP,-
000C  2157                          DEFAULT=128,-
000C  2158                          MIN=1,-
000C  2159                          MAX=16383,-
000C  2160                          NAME=LNMPHASHTBL,-
000C  2161                          SIZE=LONG,-
000C  2162                          TYPE=<SYS,SYSGEN>,-
000C  2163                          UNIT=Entries
000C  2164
000C  2165          .IF     NOT_DEFINED GETSYISW
000C  2166 ;
000C  2167 ;       PERMANENT DEFAULT SYSTEM FLAGS
000C  2168 ;
000C  2169          .ALIGN  LONG                    ;
000C  2170          .IF     NDF,PRMSW               ;
000C  2171 EXE$GL_DEFFLAGS::                       ;
000C  2172          .ENDC                           ;
000C  2173          .LONG   <1@EXE$V_SYSPAGING>-    ; ENABLE SYSTEM CODE PAGING
000C  2174                  !<1@EXE$V_POOLPGING>-   ; ENABLE SYSTEM POOL PAGING
000C  2175                  !<1@EXE$V_SBIERR>-      ; SBI ERROR DETECTION
000C  2176                  !<1@EXE$V_BUGREBOOT>-   ; AUTOMATIC REBOOT ON BUGCHECK
000C  2177                  !<1@EXE$V_CRDENABL>-    ; ENABLE CRD ERROR DETECTION
000C  2178                  !<1@EXE$V_BUGDUMP>-     ; SYSTEM DUMP ON BUGCHECK
000C  2179                  !<1@EXE$V_CONCEALED>-   ; ENABLE USE OF CONCEALED DEVICES
000C  2180                  !<1@EXE$V_JOBQUEUES>-   ; Enable job controller queues
000C  2181                  !<1@EXE$V_SHRF11ACP>    ; SHARE F11ACP
000C  2182
000C  2183          .ENDC   ; NOT_DEFINED GETSYISW
000C  2184
000C  2185 ;
000C  2186 ;       BUGCHECK REBOOT - ENABLES AUTOMATIC REBOOT ON BUGCHECK
000C  2187 ;
000C  2188          .LIST   ME
000C  2189          .NLIST  CND
000C  2190          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2191                          DEFAULT=1,-     ;
000C  2192                          MAX=1,-         ;
000C  2193                          MIN=0,-         ;
000C  2194                          NAME=BUGREBOOT,-;
000C  2195                          BIT=EXE$V_BUGREBOOT,-   ;
000C  2196                          TYPE=<DYNAMIC,SYS>,-    ;
000C  2197                          UNIT=Boolean
000C  2198          .NLIST  ME
000C  2199          .LIST   CND
000C  2200 ;
000C  2201 ;       CRD ERROR ENABLE - ENABLES DETECTION AND LOGGING OF MEMORY CRD ERRORS
000C  2202 ;
000C  2203          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2204                          DEFAULT=1,-     ;
000C  2205                          MAX=1,-         ;
000C  2206                          MIN=0,-         ;
000C  2207                          NAME=CRDENABLE,-;
000C  2208                          BIT=EXE$V_CRDENABL,-;
000C  2209                          TYPE=<SYS,SYSGEN>,-;
```

```
000C  2210                      UNIT=Boolean
000C  2211 ;
000C  2212 ;        BUGCHECK DUMP ENABLE - ENABLE SYSTEM DUMP ON BUGCHECK
000C  2213 ;
000C  2214          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2215                          DEFAULT=1,-     ;
000C  2216                          MAX=1,-         ;
000C  2217                          MIN=0,-         ;
000C  2218                          NAME=DUMPBUG,-  ;
000C  2219                          BIT=EXE$V_BUGDUMP,-     ;
000C  2220                          TYPE=<SYS>,-
000C  2221                          UNIT=Boolean
000C  2222 ;
000C  2223 ;        FATAL BUGCHECK - TURNS ALL CONTINUABLE BUGCHECKS INTO FATAL BUGCHECKS
000C  2224 ;
000C  2225          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2226                          DEFAULT=0,-     ;
000C  2227                          MAX=1,-         ;
000C  2228                          MIN=0,-         ;
000C  2229                          NAME=BUGCHECKFATAL,-;
000C  2230                          BIT=EXE$V_FATAL_BUG,-   ;
000C  2231                          TYPE=<SYS,DYNAMIC>,-;
000C  2232                          UNIT=Boolean
000C  2233 ;
000C  2234 ;        MULTIPLE ACP - SPECIFIES THAT SEPARATE ACPS ARE TO BE CREATED FOR
000C  2235 ;                       EACH CLASS OF DISK.
000C  2236
000C  2237          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C  2238                          DEFAULT=0,-     ;
000C  2239                          MAX=1,-         ;
000C  2240                          MIN=0,-         ;
000C  2241                          NAME=ACP_MULTIPLE,-     ;
000C  2242                          BIT=EXE$V_MULTACP,-     ;
000C  2243                          TYPE=<ACP,DYNAMIC>,-    ;
000C  2244                          UNIT=Boolean
000C  2245 ;
000C  2246 ;        AUTO CONFIGURATION INHIBIT - INHIBITS THE AUTOMATIC CONFIGURATION
000C  2247 ;                OF DEVICES.
000C  2248 ;
000C  2249          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C  2250                          DEFAULT=0,-     ;
000C  2251                          MAX=1,-         ;
000C  2252                          MIN=0,-         ;
000C  2253                          NAME=NOAUTOCONFIG,-
000C  2254                          BIT=EXE$V_NOAUTOCNF,-   ;
000C  2255                          TYPE=<SPECIAL,DYNAMIC>,-;
000C  2256                          UNIT=Boolean
000C  2257 ;
000C  2258 ;        NO CLOCK - INHIBITS THE STARTING OF THE INTERVAL TIMER FOR DEBUGGING
000C  2259 ;               PURPOSES.
000C  2260 ;
000C  2261          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2262                          DEFAULT=0,-     ;
000C  2263                          MAX=1,-         ;
000C  2264                          MIN=0,-         ;
000C  2265                          NAME=NOCLOCK,-  ;
000C  2266                          BIT=EXE$V_NOCLOCK,-     ;
```

```
000C  2267                      TYPE=<SPECIAL>,-        ;
000C  2268                      UNIT=Boolean
000C  2269 ;
000C  2270 ;        CLUSTERING INHIBIT - INHIBITS ALL PAGE READ CLUSTERING
000C  2271 ;
000C  2272          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2273                          DEFAULT=0,-     ;
000C  2274                          MAX=1,-         ;
000C  2275                          MIN=0,-         ;
000C  2276                          NAME=NOCLUSTER,-        ;
000C  2277                          BIT=EXE$V_NOCLUSTER,-   ;
000C  2278                          TYPE=<SPECIAL>,-        ;
000C  2279                          UNIT=Boolean
000C  2280 ;
000C  2281 ;        ENABLE PAGING OF PAGED DYNAMIC POOL
000C  2282 ;
000C  2283          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2284                          DEFAULT=1,-     ;
000C  2285                          MAX=1,-         ;
000C  2286                          MIN=0,-         ;
000C  2287                          NAME=POOLPAGING,-       ;
000C  2288                          BIT=EXE$V_POOLPGING,-   ;
000C  2289                          TYPE=<SPECIAL>,-;
000C  2290                          UNIT=Boolean
000C  2291 ;
000C  2292 ;        SBI ERROR DETECTION ENABLE
000C  2293 ;
000C  2294          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2295                          DEFAULT=1,-     ;
000C  2296                          MAX=1,-         ;
000C  2297                          MIN=0,-         ;
000C  2298                          NAME=SBIERRENABLE,-     ;
000C  2299                          BIT=EXE$V_SBIERR,-      ;
000C  2300                          TYPE=<SPECIAL>,-        ;
000C  2301                          UNIT=Boolean
000C  2302 ;
000C  2303 ;        FORCE ENTRY OF TIME AT SYSTEM BOOT
000C  2304 ;
000C  2305          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2306                          DEFAULT=0,-     ;
000C  2307                          MAX=1,-         ;
000C  2308                          MIN=0,-         ;
000C  2309                          NAME=SETTIME,-  ;
000C  2310                          BIT=EXE$V_SETTIME,-     ;
000C  2311                          TYPE=<SYS,SYSGEN>,-;
000C  2312                          UNIT=Boolean
000C  2313 ;
000C  2314 ;        ENABLE SHARING OF F11ACP
000C  2315 ;
000C  2316          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2317                          DEFAULT=1,-     ;
000C  2318                          MAX=1,-         ;
000C  2319                          MIN=0,-         ;
000C  2320                          NAME=ACP_SHARE,-;
000C  2321                          BIT=EXE$V_SHRF11ACP,-   ;
000C  2322                          TYPE=<ACP>,-;
000C  2323                          UNIT=Boolean
```

```
000C  2324 ;
000C  2325 ;       ENABLE PAGING OF SYSTEM CODE
000C  2326 ;
000C  2327         PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C  2328                         DEFAULT=1,-     ;
000C  2329                         MAX=1,-         ;
000C  2330                         MIN=0,-         ;
000C  2331                         NAME=SYSPAGING,-;
000C  2332                         BIT=EXE$V_SYSPAGING,-   ;
000C  2333                         TYPE=<SPECIAL>,-        ;
000C  2334                         UNIT=Boolean
000C  2335 ;
000C  2336 ;       SELECT ALTERNATE AUTHORIZATION FILE - CAUSES SYSINIT TO MAKE A LOGICAL
000C  2337 ;              NAME REDIRECTING SYSUAF TO SYSUAFALT.
000C  2338 ;
000C  2339         PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2340                         DEFAULT=0,-     ;
000C  2341                         MAX=1,-         ;
000C  2342                         MIN=0,-         ;
000C  2343                         NAME=UAFALTERNATE,-     ;
000C  2344                         BIT=EXE$V_SYSUAFALT,-   ;
000C  2345                         TYPE=<SYS,SYSGEN>,-     ;
000C  2346                         UNIT=Boolean
000C  2347 ;
000C  2348 ;       LEAVE SYSTEM WRITABLE - FOR DEBUGGING PURPOSES LEAVES SYSTEM CODE
000C  2349 ;              WRITABLE.
000C  2350         PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2351                         DEFAULT=0,-     ;
000C  2352                         MAX=1,-         ;
000C  2353                         MIN=0,-         ;
000C  2354                         NAME=WRITABLESYS,-;
000C  2355                         BIT=EXE$V_SYSWRTABL,-;
000C  2356                         TYPE=<SPECIAL>,-        ;
000C  2357                         UNIT=Boolean
000C  2358 ;
000C  2359 ;
000C  2360 ;       Enable resource allocation checking
000C  2361 ;
000C  2362
000C  2363         PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2364                         DEFAULT=0,-     ;
000C  2365                         MAX=1,-         ;
000C  2366                         MIN=0,-         ;
000C  2367                         NAME=RESALLOC,-         ;
000C  2368                         BIT=EXE$V_RESALLOC,-    ;
000C  2369                         TYPE=<SPECIAL>,-        ;
000C  2370                         UNIT=Boolean
000C  2371
000C  2372 ;
000C  2373 ;       SET TO INHIBIT SYSTEM SERVICES ON A PER PROCESS BASIS
000C  2374 ;
000C  2375         PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2376                         DEFAULT=0,-     ;
000C  2377                         MAX=1,-         ;
000C  2378                         MIN=0,-         ;
000C  2379                         NAME=SSINHIBIT,-;
000C  2380                         BIT=EXE$V_SSINHIBIT,-;
```

```
000C  2381                     TYPE=<SPECIAL>,-        ;
000C  2382                     UNIT=Boolean
000C  2383
000C  2384 ;
000C  2385 ;       RESET TO DISABLE THE USE OF CONCEALED DEVICES
000C  2386 ;
000C  2387         PARAMETER   ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2388                     DEFAULT=1,-     ;
000C  2389                     MAX=1,-         ;
000C  2390                     MIN=0,-         ;
000C  2391                     NAME=CONCEAL_DEVICES,-;
000C  2392                     BIT=EXE$V_CONCEALED,-;
000C  2393                     TYPE=<SPECIAL>,-        ;
000C  2394                     UNIT=Boolean
000C  2395 ;
000C  2396 ;       SAVEDUMP - IF THE DUMP IS IN THE PAGE FILE, SAVE IT UNTIL IT IS
000C  2397 ;              ANALYZED AND COPIED.
000C  2398 ;
000C  2399         PARAMETER   ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2400                     DEFAULT=0,-     ;
000C  2401                     MAX=1,-         ;
000C  2402                     MIN=0,-         ;
000C  2403                     NAME=SAVEDUMP,- ;
000C  2404                     BIT=EXE$V_SAVEDUMP,-    ;
000C  2405                     TYPE=<SYS>,-    ;
000C  2406                     UNIT=Boolean
000C  2407 ;
000C  2408 ;       CJFLOAD - Force CJF to be loaded as part of VMS during STARTUP
000C  2409 ;**JNL** this parameter is temporarily special and off
000C  2410 ;
000C  2411         PARAMETER   ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2412 ;*JNL**             DEFAULT=1,-     ;
000C  2413                     DEFAULT=0,-     ;
000C  2414                     MAX=1,-         ;
000C  2415                     MIN=0,-         ;
000C  2416                     NAME=CJFLOAD,-;
000C  2417                     BIT=EXE$V_CJFLOAD,-     ;
000C  2418 ;**JNL**             TYPE=<SYS>,-    ;
000C  2419                     TYPE=<SPECIAL>,-        ;
000C  2420                     UNIT=Boolean
000C  2421 ;
000C  2422 ;       CJFSYSRUJ - Force creation of Recovery Unit journal for system disk
000C  2423 ;                   during STARTUP. Recovery will take place during creation
000C  2424 ;                   of this journal.
000C  2425 ;**JNL** this parameter is temporarily special
000C  2426 ;
000C  2427         PARAMETER   ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C  2428                     DEFAULT=0,-     ;
000C  2429                     MAX=1,-         ;
000C  2430                     MIN=0,-         ;
000C  2431                     NAME=CJFSYSRUJ,-;
000C  2432                     BIT=EXE$V_CJFSYSRUJ,-   ;
000C  2433 ;**JNL**             TYPE=<SYS>,-    ;
000C  2434                     TYPE=<SPECIAL>,-        ;
000C  2435                     UNIT=Boolean
000C  2436
000C  2437         .IF     NOT_DEFINED GETSYISW
```

```
                                J 2
000C  2438 ;
000C  2439 ; DYNAMIC SYSTEM CONTROL FLAGS.
000C  2440 ;
000C  2441          .ALIGN  LONG                    ;
000C  2442          .IF     NDF,PRMSW               ;
000C  2443 EXE$GL_DYNAMIC_FLAGS::                   ; Dynamic SYSGEN flags
000C  2444          .ENDC   ; NDF,PRMSW
000C  2445          .LONG   <1@EXE$V_WRITESYSPARAMS>!-
000C  2446                  <1@EXE$V_BRK_TERM>;
000C  2447          .ENDC   ; NOT_DEFINED GETSYISW
000C  2448
000C  2449          $VIELD  EXE,0,<-                ; DEFINITION FOR EXE$GL_DYNAMIC_FLAGS
000C  2450                  CLASS_PROT,-            ; Do non-discretionary classification check
000C  2451                  WRITESYSPARAMS,-        ; Write the active parameters to the system
000C  2452                  BRK_TERM,-              ; Associate on terminal in breakin detection
000C  2453                  BRK_DISUSER,-           ; Disable user account on breakin
000C  2454          >
000C  2455
000C  2456 ;
000C  2457 ;         CLASS_PROT -    Perform the non-discretionary classification
000C  2458 ;                         checks.  This also is looked at by the XQP to
000C  2459 ;                         determine of a classification block should be
000C  2460 ;                         added to the header of any created files.
000C  2461 ;
000C  2462          PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C  2463                          DEFAULT=0,-     ;
000C  2464                          MAX=1,-         ;
000C  2465                          MIN=0,-         ;
000C  2466                          NAME=CLASS_PROT,-;
000C  2467                          BIT=EXE$V_CLASS_PROT,-  ;
000C  2468                          TYPE=<DYNAMIC,SYS>,-    ;
000C  2469                          UNIT=Boolean
000C  2470
000C  2471 ;
000C  2472 ;
000C  2473 ;         WRITESYSPARAMS - Set by SYSBOOT if a USE DEFAULT, USE "file", or a
000C  2474 ;                         SET command is executed. Cleared if a USE CURRENT or
000C  2475 ;                         WRITE CURRENT command is executed. If set STARTUP.COM
000C  2476 ;                         will issue a WRITE CURRENT SYSGEN command.
000C  2477 ;
000C  2478          PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C  2479                          DEFAULT=1,-     ;
000C  2480                          MAX=1,-         ;
000C  2481                          MIN=0,-         ;
000C  2482                          NAME=WRITESYSPARAMS,-;
000C  2483                          BIT=EXE$V_WRITESYSPARAMS,-;
000C  2484                          TYPE=<DYNAMIC,SPECIAL>,-;
000C  2485                          UNIT=Boolean
000C  2486
000C  2487 ;
000C  2488 ;         LGI_BRK_TERM -  Use the terminal name in the association string
000C  2489 ;                         used in LOGIN's breakin detection.  If not set,
000C  2490 ;                         breakin detection associates on username alone
000C  2491 ;                         for terminal logins.
000C  2492 ;
000C  2493          PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C  2494                          DEFAULT=1,-     ;
```

```
000C  2495                              MAX=1,-         ;
000C  2496                              MIN=0,-         ;
000C  2497                              NAME=LGI_BRK_TERM,-;
000C  2498                              BIT=EXE$V_BRK_TERM,-;
000C  2499                              TYPE=<DYNAMIC,LGI>,-;
000C  2500                              UNIT=Boolean
000C  2501
000C  2502 ;
000C  2503 ;       LGI_BRK_DISUSER - If enabled, set the DISUSER flag in the user's
000C  2504 ;                         UAF record if a breakin attempt is detected.
000C  2505 ;                         This assures a permanent lockout of the user
000C  2506 ;                         until re-enabled by the system manager.
000C  2507 ;
000C  2508              PARAMETER   ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C  2509                          DEFAULT=0,-     ;
000C  2510                          MAX=1,-         ;
000C  2511                          MIN=0,-         ;
000C  2512                          NAME=LGI_BRK_DISUSER,-;
000C  2513                          BIT=EXE$V_BRK_DISUSER,-;
000C  2514                          TYPE=<DYNAMIC,LGI>,-;
000C  2515                          UNIT=Boolean
000C  2516
000C  2517
000C  2518              .IF     NOT_DEFINED GETSYISW
000C  2519 ;
000C  2520 ; STATIC SYSTEM CONTROL FLAGS.
000C  2521 ;
000C  2522              .ALIGN  LONG                    ;
000C  2523              .IF     NDF,PRMSW               ;
000C  2524 EXE$GL_STATIC_FLAGS::                       ; Static SYSGEN flags
000C  2525              .ENDC   ; NDF,PRMSW
000C  2526              .LONG   <1@EXE$V_XQP_RESIDENT>!<1@EXE$V_REBLDSYSD>
000C  2527              .ENDC   ; NOT_DEFINED GETSYISW
000C  2528
000C  2529              $VIELD  EXE,0,<-                ; DEFINITION FOR EXE$GL_STATIC_FLAGS
000C  2530                      XQP_RESIDENT,-          ; MEMORY RESIDENT XQP
000C  2531                      REBLDSYSD,-             ; REBUILD SYSTEM DISK IN SYSMOUNT
000C  2532                      >
000C  2533
000C  2534 ;
000C  2535              .PAGE
000C  2536              .SBTTL  SYSTEM MESSAGE PARAMETERS
000C  2537 ;
000C  2538 ; DEFINE THE CONTROL BITS IN EXE$GL_MSGFLAGS
000C  2539 ;
000C  2540              $GBLINI GLOBAL
000C  2541              $VIELD  EXE,0,<-
000C  2542                      MOUNTMSG,-              ; ENABLE MOUNT NOTIFICATION
000C  2543                      DISMOUMSG,-             ; ENABLE DISMOUNT NOTIFICATION
000C  2544                      >
000C  2545
000C  2546              .IF     NOT_DEFINED GETSYISW
000C  2547 ;
000C  2548 ; DEFINE THE EXE$GL_MSGFLAGS LONGWORD AND ITS INITIAL VALUE.
000C  2549 ;
000C  2550              .ALIGN  LONG                    ;
000C  2551              .IF     NDF,PRMSW               ;
```

```
000C  2552 EXE$GL_MSGFLAGS::                                    ;
000C  2553          .ENDC                                       ;
000C  2554          .LONG   0
000C  2555
000C  2556          .ENDC   ; NOT_DEFINED GETSYISW
000C  2557
000C  2558 ;
000C  2559 ;       MOUNTMSG - CONTROLS OPERATOR NOTIFICATION OF VOLUME MOUNTING
000C  2560 ;
000C  2561          PARAMETER       ADDRESS=EXE$GL_MSGFLAGS,-       ;
000C  2562                          DEFAULT=0,-     ;
000C  2563                          MAX=1,-         ;
000C  2564                          MIN=0,-         ;
000C  2565                          NAME=MOUNTMSG,- ;
000C  2566                          BIT=EXE$V_MOUNTMSG,-    ;
000C  2567                          TYPE=<SYS,DYNAMIC>,-    ;
000C  2568                          UNIT=Boolean
000C  2569 ;
000C  2570 ;       DISMOUMSG - Controls operator notification of volume dismounting
000C  2571 ;
000C  2572          PARAMETER       ADDRESS=EXE$GL_MSGFLAGS,-       ;
000C  2573                          DEFAULT=0,-     ;
000C  2574                          MAX=1,-         ;
000C  2575                          MIN=0,-         ;
000C  2576                          NAME=DISMOUMSG,-        ;
000C  2577                          BIT=EXE$V_DISMOUMSG,-   ;
000C  2578                          TYPE=<SYS,DYNAMIC>,-    ;
000C  2579                          UNIT=Boolean
000C  2580          .PAGE
000C  2581          .SBTTL  SYSTEM LOADABLE CODE PARAMETERS
000C  2582 ;
000C  2583 ; DEFINE THE CONTROL BITS IN SGN$GL_LOADFLAGS
000C  2584 ;
000C  2585          $GBLINI GLOBAL
000C  2586          $VIELD  SGN,0,<-
000C  2587                  LOADERAPAT,-            ; LOAD ERASE PATTERN GENERATOR
000C  2588                  LOADCHKPRT,-            ; LOAD PROTECTION CHECK ROUTINE
000C  2589                  LOADMTACCESS,-          ; LOAD INSTALLATION ACCESSIBIITY ROUTINE
000C  2590          >
000C  2591
000C  2592          .IF     NOT_DEFINED GETSYISW
000C  2593
000C  2594 ;
000C  2595 ; DEFINE THE SGN$GL_LOADFLAGS LONGWORD AND ITS INITIAL VALUE.
000C  2596 ;
000C  2597          .ALIGN  LONG                            ;
000C  2598          .IF     NDF,PRMSW                       ;
000C  2599 SGN$GL_LOADFLAGS::                              ;
000C  2600          .ENDC                                   ;
000C  2601          .LONG   0
000C  2602
000C  2603          .ENDC   ; NOT_DEFINED GETSYISW
000C  2604
000C  2605 ;
000C  2606 ;       LOADERAPAT- CONTROLS LOADING OF ALTERNATE ERASE PATTERN GENERATOR
000C  2607 ;
000C  2608          PARAMETER       ADDRESS=SGN$GL_LOADFLAGS,-      ;
```

```
000C  2609                      DEFAULT=0,-     ;
000C  2610                      MAX=1,-         ;
000C  2611                      MIN=0,-         ;
000C  2612                      NAME=LOADERAPT,-        ;
000C  2613                      BIT=SGN$V_LOADERAPAT,-  ;
000C  2614                      TYPE=<SPECIAL>,-        ;
000C  2615                      UNIT=Boolean
000C  2616 ;
000C  2617 ;       LOADCHKPRT - CONTROLS LOADING OF ALTERNATE PROTECTION CHECK ROUTINE
000C  2618 ;
000C  2619        PARAMETER       ADDRESS=SGN$GL_LOADFLAGS,-      ;
000C  2620                        DEFAULT=0,-     ;
000C  2621                        MAX=1,-         ;
000C  2622                        MIN=0,-         ;
000C  2623                        NAME=LOADCHKPRT,-       ;
000C  2624                        BIT=SGN$V_LOADCHKPRT,-  ;
000C  2625                        TYPE=<SPECIAL>,-        ;
000C  2626                        UNIT=Boolean
000C  2627 ;
000C  2628 ;       LOADMTACCESS - CONTROLS LOADING OF INSTALLATION SPECIFIC ACCESSIBILITY ROUTI
000C  2629 ;
000C  2630        PARAMETER       ADDRESS=SGN$GL_LOADFLAGS,-
000C  2631                        DEFAULT=0,-
000C  2632                        MAX=1,-
000C  2633                        MIN=0,-
000C  2634                        NAME=LOADMTACCESS,-
000C  2635                        BIT=SGN$V_LOADMTACCESS,-
000C  2636                        TYPE=<SPECIAL>,-
000C  2637                        UNIT=Boolean
000C  2638        .PAGE
000C  2639        .SBTTL  TERMINAL DRIVER SYSTEM PARAMETERS
000C  2640 ;
000C  2641 ;       DIALUP SUPPORT CONTROL PARAMETERS
000C  2642 ;
000C  2643 ; DELTA TIME FOR DIALUP TIMER SCAN
000C  2644 ;
000C  2645        PARAMETER       ADDRESS=TTY$GL_DELTA,-  ;
000C  2646                        DEFAULT=<100000*100>,-  ;
000C  2647                        MIN=100000,-    ;
000C  2648                        NAME=TTY_SCANDELTA,-    ;
000C  2649                        SIZE=LONG,-     ;
000C  2650                        TYPE=<TTY>,-    ;
000C  2651                        UNIT=100Ns      ;
000C  2652 ;
000C  2653 ; FLAGS FOR DIALUP
000C  2654 ;
000C  2655 ;       BIT 0 is 0 => NORMAL, 1 => UNITED KINGDOM
000C  2656 ;       BIT 1 SPECIFIES ALTERNATE MODEM PROTOCOL
000C  2657 ;
000C  2658        PARAMETER       ADDRESS=TTY$GB_DIALTYP,-        ;
000C  2659                        DEFAULT=0,-     ;
000C  2660                        MIN=0,-         ;
000C  2661                        MAX=<^XOFF>,-   ;
000C  2662                        NAME=TTY_DIALTYPE,-     ;
000C  2663                        TYPE=<TTY>,-    ;
000C  2664                        SIZE=BYTE,-     ;
000C  2665                        UNIT=Bit-Encoded        ;
```

```
000C  2666 ;
000C  2667 ; NOTE ALIGNMENT!
000C  2668 ;
000C  2669 ; TERMINAL CANONICAL CHARACTERISTICS
000C  2670 ;
000C  2671 ;
000C  2672 ;       DEFAULT SPEED FOR TERMINALS
000C  2673 ;
000C  2674         PARAMETER       ADDRESS=TTY$GB_DEFSPEED,-; DEFAULT SPEED FOR TERMINALS AND P
000C  2675                         DEFAULT=TT$C_BAUD_9600,-; 9600 BAUD - NO PARITY
000C  2676                         MIN=1,-                 ;
000C  2677                         MAX=16,-                ;
000C  2678                         NAME=TTY_SPEED,-        ;
000C  2679                         SIZE=BYTE,-             ;
000C  2680                         TYPE=<TTY>,-            ;
000C  2681                         UNIT=Special            ; TT$C_BAUD VALUES
000C  2682 ;
000C  2683 ;       DEFAULT RECEIVE SPEED
000C  2684 ;
000C  2685         PARAMETER       ADDRESS=TTY$GB_RSPEED,- ;THE RECEIVE SPEED FOR A TERMINAL
000C  2686                         DEFAULT=0,-             ;USE THE DEFAULT SPEED
000C  2687                         MIN=0,-                 ;
000C  2688                         MAX=16,-                ;
000C  2689                         NAME=TTY_RSPEED,-       ;
000C  2690                         SIZE=BYTE,-             ;
000C  2691                         TYPE=<TTY>,-            ;
000C  2692                         UNIT=Special            ; TT$C_BAUD VALUES AND 0
000C  2693 ;
000C  2694         DEFAULT PARITY
000C  2695 ;
000C  2696         PARAMETER       ADDRESS=TTY$GB_PARITY,- ;THE PARITY OF THE TERMINALS
000C  2697                         DEFAULT=24,-            ;NO PARITY EIGHT BITS.
000C  2698                         MIN=0,-                 ;
000C  2699                         NAME=TTY_PARITY,-       ;
000C  2700                         SIZE=BYTE,-             ;
000C  2701                         TYPE=<TTY>,-            ;
000C  2702                         UNIT=Special            ;
000C  2703 ;
000C  2704 ;       DEFAULT TERMINAL LINE WIDTH
000C  2705 ;
000C  2706         PARAMETER       ADDRESS=TTY$GW_DEFBUF,- ; DEFAULT BUFFER SIZE
000C  2707                         DEFAULT=80,-    ;
000C  2708                         MIN=0,-         ;
000C  2709                         MAX=65535,-     ;
000C  2710                         NAME=TTY_BUF,-  ;
000C  2711                         SIZE=WORD,-     ;
000C  2712                         TYPE=<TTY>,-    ;
000C  2713                         UNIT=Characters
000C  2714 ;
000C  2715 ;       DEFAULT TERMINAL CHARACTERISTICS
000C  2716 ;
000C  2717         PARAMETER       ADDRESS=TTY$GL_DEFCHAR,-; DEFAULT CHARACTERISTICS
000C  2718         DEFAULT=<<24@TT$V_PAGE>+TT$M_TTSYNC+TT$M_WRAP+TT$M_LOWER+TT$M_SCOPE>,-
000C  2719                         MIN=0,-                 ;
000C  2720                         NAME=TTY_DEFCHAR,-      ;
000C  2721                         SIZE=LONG,-             ;
000C  2722                         TYPE=<TTY>,-            ;
```

```
000C  2723                             UNIT=Bit-Encoded
000C  2724 ;
000C  2725 ; Device characteristics second word.
000C  2726 ;
000C  2727         PARAMETER           ADDRESS=TTY$GL_DEFCHAR2,-;
000C  2728                             DEFAULT=TT2$M_EDITING!TT2$M_AUTOBAUD,-; SET AUTOBAUD FOR DEF
000C  2729                             MIN=0,-
000C  2730                             NAME=TTY_DEFCHAR2,-
000C  2731                             SIZE=LONG,-
000C  2732                             TYPE=<TTY>,-
000C  2733                             UNIT=Bit-Encoded
000C  2734
000C  2735 ;
000C  2736 ; SIZE OF TYPEAHEAD BUFFER
000C  2737 ;
000C  2738         PARAMETER           ADDRESS=TTY$GW_TYPAHDSZ,-       ;
000C  2739                             DEFAULT=78,-                    ;
000C  2740                             MIN=0,-                         ;
000C  2741                             NAME=TTY_TYPAHDSZ,-             ;
000C  2742                             SIZE=WORD,-                     ;
000C  2743                             TYPE=<TTY>,-                    ;
000C  2744                             UNIT=Bytes
000C  2745 ;
000C  2746 ; Alternate Typeahead size.
000C  2747 ;
000C  2748         PARAMETER           ADDRESS=TTY$GW_ALTYPAHD,-       ;
000C  2749                             DEFAULT=200,-                   ;
000C  2750                             MIN=0,-
000C  2751                             NAME=TTY_ALTYPAHD,-
000C  2752                             SIZE=WORD,-
000C  2753                             TYPE=<TTY>,-
000C  2754                             UNIT=Bytes
000C  2755 ;
000C  2756 ; Alternate Typehaead buffer alarm size.
000C  2757 ;
000C  2758         PARAMETER           ADDRESS=TTY$GW_ALTALARM,-       ;
000C  2759                             DEFAULT-64,-                    ;ASSUME WORST CASE
000C  2760                             MIN=0,-
000C  2761                             NAME=TTY_ALTALARM,-
000C  2762                             SIZE=WORD,-
000C  2763                             TYPE=<TTY>,-
000C  2764                             UNIT=Bytes
000C  2765 ;
000C  2766 ; DMA size
000C  2767 ;
000C  2768         PARAMETER           ADDRESS=TTY$GW_DMASIZE,-        ;
000C  2769                             DEFAULT=64,-
000C  2770                             MIN=0,-
000C  2771                             NAME=TTY_DMASIZE,-
000C  2772                             SIZE=WORD,-
000C  2773                             TYPE=<TTY,DYNAMIC>,-
000C  2774                             UNIT=Bytes
000C  2775
000C  2776 ;
000C  2777 ; DEFAULT TERMINAL ALLOCATION PROTECTION
000C  2778 ;
000C  2779         PARAMETER           ADDRESS=TTY$GW_PROT,-           ; PROTECTION CLASSES
```

```
000C  2780                      DEFAULT=<^X0FFF0>,-             ; SYSTEM ONLY
000C  2781                      MIN=0,-                         ;
000C  2782                      NAME=TTY_PROT,-                 ;
000C  2783                      SIZE=WORD,-                     ;
000C  2784                      TYPE=<TTY>,-                    ;
000C  2785                      UNIT=Protection                 ;
000C  2786
000C  2787              PARAMETER       ADDRESS=TTY$GL_OWNUIC,-         ; OWNER UIC
000C  2788                      DEFAULT=<^X00070004>,-          ; SYSTEM OWNER
000C  2789                      MIN=0,-                         ;
000C  2790                      NAME=TTY_OWNER,-                ;
000C  2791                      SIZE=LONG,-                     ;
000C  2792                      TYPE=<TTY>-                     ;
000C  2793                      UNIT=UIC                        ;
000C  2794 ;
000C  2795 ;            DEFAULT TERMINAL CLASS NAME PREFIX
000C  2796 ;
000C  2797              PARAMETER       ADDRESS=TTY$GW_CLASSNAM,-       ;
000C  2798                      DEFAULT=<^A/TT7>,-              ;
000C  2799                      MIN=<^A/AAAA/>,-                ;
000C  2800                      MAX=<^A/ZZZZ/>,-                ;
000C  2801                      NAME=TTY_CLASSNAME,-            ;
000C  2802                      SIZE=WORD,-                     ;
000C  2803                      TYPE=<ASCII,TTY>,-              ;
000C  2804                      UNIT=Ascii
000C  2805 ;
000C  2806 ;            DEFAULT SILO TIMEOUT VALUE FOR DMF32
000C  2807 ;
000C  2808              PARAMETER       ADDRESS=TTY$GB_SILOTIME,-       ;
000C  2809                      DEFAULT=8,-             ;
000C  2810                      MIN=0,-                 ;
000C  2811                      MAX=255,-               ;
000C  2812                      NAME=TTY_SILOTIME,-     ;
000C  2813                      SIZE=BYTE,-             ;
000C  2814                      TYPE=<TTY>,-            ;
000C  2815                      UNIT=Ms
000C  2816 ;
000C  2817 ; DISCONNECTED VIRTUAL TERMINAL TIMEOUT.
000C  2818 ;
000C  2819              PARAMETER       ADDRESS=TTY$GL_TIMEOUT,-        ;
000C  2820                      DEFAULT=60*15,- ; 15 minute default
000C  2821                      MIN=0,-                 ;
000C  2822                      NAME=TTY_TIMEOUT,-      ;
000C  2823                      SIZE=LONG,-             ;
000C  2824                      TYPE=<TTY,DYNAMIC>,-    ;
000C  2825                      UNIT=Seconds
000C  2826 ;
000C  2827 ; AUTOBAUD RATE RECOGNITION CHARACTER
000C  2828 ;
000C  2829              PARAMETER       ADDRESS=TTY$GB_AUTOCHAR,-       ;
000C  2830                      DEFAULT=7,-             ; Default is ^G (Bell)
000C  2831                      MIN=0,-                 ;
000C  2832                      MAX=255,-               ;
000C  2833                      NAME=TTY_AUTOCHAR,-     ;
000C  2834                      SIZE=BYTE,-             ;
000C  2835                      TYPE=<TTY,DYNAMIC>,-    ;
000C  2836                      UNIT=Character
```

```
                                                D 3
000C  2837 ;
000C  2838 ;       default port functions.
000C  2839 ;
000C  2840         PARAMETER       ADDRESS=TTY$GL_DEFPORT,-; DEFAULT PORT CHARACTERISTICS
000C  2841                         DEFAULT=0,-
000C  2842                         MIN=0,-                 ;
000C  2843                         NAME=TTY_DEFPORT-       ;
000C  2844                         SIZE=LONG,-             ;
000C  2845                         TYPE=<TTY,SPECIAL>,-    ;
000C  2846                         UNIT=Bit-Encoded
000C  2847 ;
000C  2848 ; END OF TERMINAL SYSTEM PARAMETERS
000C  2849 ;
000C  2850 ;
000C  2851         .PAGE
000C  2852         .SBTTL  RMS DEFAULT PARAMETERS
000C  2853 ;
000C  2854 ;  RMS DEFAULT PARAMETERS
000C  2855 ;
000C  2856         PARAMETER       ADDRESS=SYS$GB_DFMBC,-  ;
000C  2857                         DEFAULT=16,-    ; DEFAULT MULTI-BLOCK COUNT
000C  2858                         MIN=1,-                 ;
000C  2859                         MAX=127,-               ;
000C  2860                         NAME=RMS_DFMBC,-        ;
000C  2861                         SIZE=BYTE,-             ;
000C  2862                         TYPE=<RMS,DYNAMIC>,-    ;
000C  2863                         UNIT=Blocks
000C  2864 ;
000C  2865 ; DEFAULT MULTI-BUFFER COUNT FOR SEQUENTIAL . DISK
000C  2866 ;
000C  2867         PARAMETER       ADDRESS=SYS$GB_DFMBFSDK,-       ;
000C  2868                         DEFAULT=0,-             ;
000C  2869                         MIN=0,-                 ;
000C  2870                         MAX=127,-               ;
000C  2871                         NAME=RMS_DFMBFSDK,-     ;
000C  2872                         SIZE=BYTE,-             ;
000C  2873                         TYPE=<RMS,DYNAMIC>,-    ;
000C  2874                         UNIT=Blocks
000C  2875 ;
000C  2876 ; DEFAULT MULTI_BUFFER COUNT FOR MAGTAPE
000C  2877 ;
000C  2878         PARAMETER       ADDRESS=SYS$GB_DFMBFSMT,-       ;
000C  2879                         DEFAULT=0,-             ;
000C  2880                         MIN=0,-                 ;
000C  2881                         MAX=127,-               ;
000C  2882                         NAME=RMS_DFMBFSMT,-     ;
000C  2883                         SIZE=BYTE,-             ;
000C  2884                         TYPE=<RMS,DYNAMIC>,-    ;
000C  2885                         UNIT=Blocks
000C  2886 ;
000C  2887 ;       DEFAULT MULTI-BUFFER COUNT FOR UNIT RECORD DEVICES.
000C  2888 ;
000C  2889         PARAMETER       ADDRESS=SYS$GB_DFMBFSUR,-       ;
000C  2890                         DEFAULT=0,-             ;
000C  2891                         MIN=0,-                 ;
000C  2892                         MAX=127,-               ;
000C  2893                         NAME=RMS_DFMBFSUR,-     ;
```

```
000C  2894                           SIZE=BYTE,-                     ;
000C  2895                           TYPE=<RMS,DYNAMIC>,-            ;
000C  2896                           UNIT=Buffers
000C  2897 ;
000C  2898 ; DEFAULT MULTI-BUFFER COUNT FOR RELATIVE FILES
000C  2899 ;
000C  2900         PARAMETER         ADDRESS=SYS$GB_DFMBFREL,-               ;
000C  2901                           DEFAULT=0,-                     ;
000C  2902                           MIN=0,-                         ;
000C  2903                           MAX=127,-                       ;
000C  2904                           NAME=RMS_DFMBFREL,-             ;
000C  2905                           SIZE=BYTE,-                     ;
000C  2906                           TYPE=<RMS,DYNAMIC>,-            ;
000C  2907                           UNIT=Buffers
000C  2908 ;
000C  2909 ; DEFAULT MULTI-BUFFER COUNT INDEXED FILES
000C  2910 ;
000C  2911         PARAMETER         ADDRESS=SYS$GB_DFMBFIDX,-               ;
000C  2912                           DEFAULT=0,-                     ;
000C  2913                           MIN=0,-                         ;
000C  2914                           MAX=127,-                       ;
000C  2915                           NAME=RMS_DFMBFIDX,-             ;
000C  2916                           SIZE=BYTE,-                     ;
000C  2917                           TYPE=<RMS,DYNAMIC>,-            ;
000C  2918                           UNIT=Buffers
000C  2919 ;
000C  2920 ; DEFAULT MULTI-BUFFER COUNT HASHED
000C  2921 ;
000C  2922         PARAMETER         ADDRESS=SYS$GB_DFMBFHSH,-               ;
000C  2923                           DEFAULT=0,-                     ;
000C  2924                           MIN=0,-                         ;
000C  2925                           MAX=127,-                       ;
000C  2926                           NAME=RMS_DFMBFHSH,-             ;
000C  2927                           SIZE=BYTE,-                     ;
000C  2928                           TYPE=<RMS,DYNAMIC>,-            ;
000C  2929                           UNIT=Buffers
000C  2930
000C  2931 ;
000C  2932 ; Default rms Prologue
000C  2933 ;
000C  2934         PARAMETER         ADDRESS = SYS$GB_RMSPROLOG,-
000C  2935                           DEFAULT = 0,-           ; 0, 2 and 3 are valid, only
000C  2936                           MIN = 0,-
000C  2937                           MAX = 3,-
000C  2938                           NAME = RMS_PROLOGUE,-
000C  2939                           SIZE = BYTE,-
000C  2940                           TYPE = <RMS,DYNAMIC>,-
000C  2941                           UNIT = Prolog-Lvl
000C  2942
000C  2943 ;
000C  2944 ; Default file extend quantity
000C  2945 ;
000C  2946
000C  2947         PARAMETER         ADDRESS = SYS$GW_RMSEXTEND,-
000C  2948                           DEFAULT = 0,-
000C  2949                           MIN = 0,-
000C  2950                           MAX = 65535,-
```

```
000C  2951                             NAME = RMS_EXTEND_SIZE,-
000C  2952                             SIZE = WORD,-
000C  2953                             TYPE = <RMS,DYNAMIC>,-
000C  2954                             UNIT = Blocks
000C  2955 ;
000C  2956 ; Default file protection
000C  2957 ;
000C  2958
000C  2959             PARAMETER       ADDRESS = SYS$GW_FILEPROT,-
000C  2960                             DEFAULT = <^XFA00>,-
000C  2961                             MIN = 0,-
000C  2962                             MAX = <^XFFFF>,-
000C  2963                             NAME = RMS_FILEPROT,-
000C  2964                             SIZE = WORD,-
000C  2965                             TYPE = RMS,-
000C  2966                             UNIT = Prot-mask
000C  2967
000C  2968 ;
000C  2969 ; Global buffer quota - This parameter determines the maximum number
000C  2970 ; of global buffers that may be in use in the system at any one time.
000C  2971 ;
000C  2972             PARAMETER       ADDRESS=SYS$GW_GBLBUFQUO,-
000C  2973                             DEFAULT=1024,-
000C  2974                             MIN=0,-
000C  2975                             MAX=32767,-
000C  2976                             SIZE=WORD,-
000C  2977                             NAME=RMS_GBLBUFQUO,-
000C  2978                             TYPE=<RMS,DYNAMIC>,-
000C  2979                             UNIT=<Gbl bufs>
000C  2980
000C  2981 ;
000C  2982 ; Network block count - This parameter determines the number
000C  2983 ; of blocks to use for RMS DAP network record-mode transfers.
000C  2984 ; This parameter determines the maximum record size that can be
000C  2985 ; sent over the network.
000C  2986 ;
000C  2987             PARAMETER       ADDRESS=SYS$GB_DFNBC,-
000C  2988                             DEFAULT=8,-
000C  2989                             MIN=1,-
000C  2990                             MAX=127,-
000C  2991                             SIZE=BYTE,-
000C  2992                             NAME=RMS_DFNBC,-
000C  2993                             TYPE=<RMS,DYNAMIC>,-
000C  2994                             UNIT=<Blocks>
000C  2995
000C  2996             .IF     NOT_DEFINED GETSYISW
000C  2997
000C  2998             .ALIGN  LONG
000C  2999 ;
000C  3000 ;  END OF RMS DEFAULT PARAMETERS
000C  3001 ;
000C  3002             .PAGE
000C  3003             .SBTTL  PROCESS QUOTA DEFAULTS AND MINIMA
000C  3004             .=.-4                           ;
000C  3005             DEFINE  PQL$AL_DEFAULT          ;
000C  3006             .=.+4                           ;
000C  3007             .BLKL   PQL$_LENGTH             ;
```

```
000C  3008          .=.-4                                   ;
000C  3009          DEFINE  PQL$AL_MIN                      ;
000C  3010          .=.+4                                   ;
000C  3011          .BLKL   PQL$_LENGTH                     ;
000C  3012          .=.-1                                   ;
000C  3013          DEFINE  PQL$AB_FLAG                     ;
000C  3014          .=.+1                                   ;
000C  3015          .BLKB   PQL$_LENGTH                     ;
000C  3016
000C  3017          .ENDC   ; NOT_DEFINED GETSYISW
000C  3018
000C  3019 ;
000C  3020 ;        DEFINE PROCESS QUOTA DEFAULTS AND MINIMA
000C  3021 ;
000C  3022
000C  3023          PQL     ASTLM,-                         ; AST LIMIT
000C  3024                  DEFLT=24,-                      ;
000C  3025                  MINIM=4,-                       ;
000C  3026                  UNT=Ast                         ;
000C  3027
000C  3028          PQL     BIOLM,-                         ; BUFFERED I/O LIMIT
000C  3029                  DEFLT=18,-                      ;
000C  3030                  MINIM=4,-                       ;
000C  3031                  UNT=I/O                         ;
000C  3032
000C  3033          PQL     BYTLM,-                         ; BUFFERED I/O BYTE COUNT LIMIT
000C  3034                  DEFLT=8192,-                    ;
000C  3035                  FLAG=DEDUCTIBLE,-               ;
000C  3036                  MINIM=1024,-    ;
000C  3037                  UNT=Bytes                       ;
000C  3038
000C  3039          PQL     CPULM,-                         ; CPU TIME LIMIT
000C  3040                  DEFLT=0,-                       ;
000C  3041                  FLAG=DEDUCTIBLE,-               ;
000C  3042                  MINIM=0,-                       ;
000C  3043                  UNT=10Ms                        ;
000C  3044
000C  3045          PQL     DIOLM,-                         ; DIRECT I/O LIMIT
000C  3046                  DEFLT=18,-                      ;
000C  3047                  MINIM=4,-                       ;
000C  3048                  UNT=I/O                         ;
000C  3049
000C  3050          PQL     FILLM,-                         ; OPEN FILE LIMIT
000C  3051                  DEFLT=16,-                      ;
000C  3052                  FLAG=DEDUCTIBLE,-               ;
000C  3053                  MINIM=2,-                       ;
000C  3054                  UNT=Files                       ;
000C  3055
000C  3056          PQL     PGFLQUOTA,-                     ; PAGING FILE QUOTA
000C  3057                  DEFLT=2048,-                    ;
000C  3058                  FLAG=DEDUCTIBLE,-               ;
000C  3059                  MINIM=512,-                     ;
000C  3060                  UNT=Pages                       ;
000C  3061
000C  3062          PQL     PRCLM,-                         ; SUB-PROCESS LIMIT
000C  3063                  DEFLT=8,-                       ;
000C  3064                  FLAG=DEDUCTIBLE,-               ;
```

```
000C  3065                    MINIM=0,-                       ;
000C  3066                    UNT=Processes
000C  3067
000C  3068          PQL       TQELM,-                         ; TIMER QUEUE ENTRY LIMIT
000C  3069                    DEFLT=8,-                       ;
000C  3070                    FLAG=DEDUCTIBLE,-               ;
000C  3071                    MINIM=0,-                       ;
000C  3072                    UNT=Timers
000C  3073
000C  3074          PQL       WSDEFAULT,-                     ; WORKING SET DEFAULT SIZE
000C  3075                    DEFLT=100,-                     ;
000C  3076                    MINIM=60,-                      ;
000C  3077                    UNT=Pages,-                     ;
000C  3078                    DYNAMIC_FLAG=STATIC
000C  3079
000C  3080 ;
000C  3081 ; DEFAULT WORKING SET SIZE - SIZE OF SHELL WORKING SET
000C  3082 ;
000C  3083          .IF       NOT_DEFINED GETSYISW
000C  3084          .IF       NDF,PRMSW                       ;
000C  3085 SGN$GW_DFWSCNT==PQL$GDWSDEFAULT                    ; SYNONYM
000C  3086          .ENDC                                     ;
000C  3087          .ENDC     ; NOT_DEFINED GETSYISW
000C  3088          PQL       WSQUOTA,-                       ; WORKING SET QUOTA
000C  3089                    DEFLT=200,-                     ;
000C  3090                    MINIM=60,-                      ;
000C  3091                    UNT=Pages                       ;
000C  3092
000C  3093          PQL       WSEXTENT,-                      ; WORKING SET EXTENT
000C  3094                    DEFLT=200,-                     ;
000C  3095                    MINIM=10,-                      ;
000C  3096                    UNT=Pages                       ;
0C0C  3097
000C  3098          PQL       ENQLM,-                         ; ENQUEUE LIMIT
000C  3099                    DEFLT=30,-                      ;
000C  3100                    FLAG=DEDUCTIBLE,-               ;
000C  3101                    MINIM=4,-                       ;
000C  3102                    UNT=Locks                       ;
000C  3103
000C  3104          PQL       JTQUOTA,-                       ; JOB-WIDE LOGICAL NAME TABLE QUOTA
000C  3105                    DEFLT=1024,-                    ;
000C  3106                    MINIM=0,-                       ;
000C  3107                    UNT=Bytes                       ;
000C  3108
000C  3109          .PAGE
000C  3110          .SBTTL  FILE ACP CONFIGURATION DATA
000C  3111
000C  3112 ;+
000C  3113 ;
000C  3114 ; File ACP configuration data. These parameters are used whenever an ACP is
000C  3115 ; started up (or, in the case of per volume data, when a volume is mounted).
000C  3116 ;
000C  3117 ;-
000C  3118
000C  3119 ;
000C  3120 ; Number of blocks in bitmap cache.
000C  3121 ;
```

```
                                                                I 3
000C  3122                PARAMETER       ADDRESS=ACP$GW_MAPCACHE,-       ;
000C  3123                                DEFAULT=8,-     ;
000C  3124                                MIN=1,-         ;
000C  3125                                NAME=ACP_MAPCACHE,-     ;
000C  3126                                SIZE=WORD,-     ;
000C  3127                                TYPE=<ACP,DYNAMIC>,-    ;
000C  3128                                UNIT=Pages      ;
000C  3129 ;
000C  3130 ; Number of blocks in file header cache.
000C  3131 ;
000C  3132                PARAMETER       ADDRESS=ACP$GW_HDRCACHE,-       ;
000C  3133                                DEFAULT=128,-   ;
000C  3134                                MIN=3,-         ;
000C  3135                                NAME=ACP_HDRCACHE,-     ;
000C  3136                                SIZE=WORD,-     ;
000C  3137                                TYPE=<ACP,DYNAMIC>,-    ;
000C  3138                                UNIT=Pages      ;
000C  3139 ;
000C  3140 ; Number of blocks in file system directory data block cache.
000C  3141 ;
000C  3142                PARAMETER       ADDRESS=ACP$GW_DIRCACHE,-       ;
000C  3143                                DEFAULT=80,-    ;
000C  3144                                MIN=2,-         ;
000C  3145                                NAME=ACP_DIRCACHE,-     ;
000C  3146                                SIZE=WORD,-     ;
000C  3147                                TYPE=<ACP,DYNAMIC>,-    ;
000C  3148                                UNIT=Pages      ;
000C  3149 ;
000C  3150 ; Number of pages in file system directory index cache.
000C  3151 ;
000C  3152                PARAMETER       ADDRESS=ACP$GW_DINDXCACHE,-     ;
000C  3153                                DEFAULT=25,-    ;
000C  3154                                MIN=2,-         ;
000C  3155                                NAME=ACP_DINDXCACHE,-   ;
000C  3156                                SIZE=WORD,-     ;
000C  3157                                TYPE=<ACP,DYNAMIC>,-    ;
000C  3158                                UNIT=Pages      ;
000C  3159 ;
000C  3160 ; ACP working set in pages (0 means maximal)
000C  3161 ;
000C  3162                PARAMETER       ADDRESS=ACP$GW_WORKSET,-        ;
000C  3163                                DEFAULT=0,-     ;
000C  3164                                MIN=0,-         ;
000C  3165                                NAME=ACP_WORKSET,-      ;
000C  3166                                SIZE=WORD,-     ;
000C  3167                                TYPE=<ACP,DYNAMIC>,-    ;
000C  3168                                UNIT=Pages      ;
000C  3169 ;
000C  3170 ; The following parameters are applied on a per volume basis.
000C  3171 ;
000C  3172 ;
000C  3173 ; Number of cached index file slots
000C  3174 ;
000C  3175                PARAMETER       ADDRESS=ACP$GW_FIDCACHE,-       ;
000C  3176                                DEFAULT=64,-    ;
000C  3177                                MIN=0,-         ;
000C  3178                                NAME=ACP_FIDCACHE,-     ;
```

```
                                                J 3
000C  3179                              SIZE=WORD,-     ;
000C  3180                              TYPE=<ACP,DYNAMIC>,-    ;
000C  3181                              UNIT=File-Ids   ;
000C  3182 ;
000C  3183 ; Number of cached disk extents
000C  3184 ;
000C  3185              PARAMETER       ADDRESS=ACP$GW_EXTCACHE,-       ;
000C  3186                              DEFAULT=64,-    ;
000C  3187                              MIN=0,-         ;
000C  3188                              NAME=ACP_EXTCACHE,-     ;
000C  3189                              SIZE=WORD,-     ;
000C  3190                              TYPE=<ACP,DYNAMIC>,-    ;
000C  3191                              UNIT=Extents    ;
000C  3192 ;
000C  3193 ; Maximum fraction of disk to cache in tenths of percent
000C  3194 ;
000C  3195              PARAMETER       ADDRESS=ACP$GW_EXTLIMIT,-       ;
000C  3196                              DEFAULT=100,-   ;
000C  3197                              MIN=0,-         ;
000C  3198                              MAX=1000,-      ;
000C  3199                              NAME=ACP_EXTLIMIT,-     ;
000C  3200                              SIZE=WORD,-     ;
000C  3201                              TYPE=<ACP,DYNAMIC>,-    ;
000C  3202                              UNIT=<Percent/10>       ;
000C  3203
000C  3204 ;
000C  3205 ; Number of quota file entries to cache
000C  3206 ;
000C  3207              PARAMETER       ADDRESS=ACP$GW_QUOCACHE,-
000C  3208                              DEFAULT=64,-
000C  3209                              MIN=0,-
000C  3210                              MAX=-1,-
000C  3211                              NAME=ACP_QUOCACHE,-
000C  3212                              SIZE=WORD,-
000C  3213                              TYPE=<ACP,DYNAMIC>,-
000C  3214                              UNIT=Users
000C  3215 ;
000C  3216 ; Default access for system volumes
000C  3217 ;
000C  3218              PARAMETER       ADDRESS=ACP$GW_SYSACC,- ;
000C  3219                              DEFAULT=8,-     ;
000C  3220                              MIN=0,-         ;
000C  3221                              NAME=ACP_SYSACC,-       ;
000C  3222                              SIZE=WORD,-     ;
000C  3223                              TYPE=<ACP,DYNAMIC>,-    ;
000C  3224                              UNIT=Directories
000C  3225
000C  3226 ; Maximum number of blocks to read at once for directories.
000C  3227 ;
000C  3228              PARAMETER       ADDRESS=ACP$GB_MAXREAD,-        ;
000C  3229                              DEFAULT=32,-    ;
000C  3230                              MIN=1,-         ;
000C  3231                              MAX=64,-        ;
000C  3232                              NAME=ACP_MAXREAD,-      ;
000C  3233                              SIZE=BYTE,-     ;
000C  3234                              TYPE=<ACP,DYNAMIC>,-    ;
000C  3235                              UNIT=Blocks     ;
```

```
000C  3236 ;
000C  3237 ; Default window size for system volumes.
000C  3238 ;
000C  3239         PARAMETER       ADDRESS=ACP$GB_WINDOW,- ;
000C  3240                         DEFAULT=7,-     ;
000C  3241                         MIN=1,-         ;
000C  3242                         NAME=ACP_WINDOW,-       ;
000C  3243                         SIZE=BYTE,-     ;
000C  3244                         TYPE=<ACP,DYNAMIC>,-    ;
000C  3245                         UNIT=Pointers   ;
000C  3246 ;
000C  3247 ; Deferred cache writeback enable.
000C  3248 ;
000C  3249         PARAMETER       ADDRESS=ACP$GB_WRITBACK,-
000C  3250                         DEFAULT=1,-
000C  3251                         MIN=0,-
000C  3252                         MAX=1,-
000C  3253                         NAME=ACP_WRITEBACK,-
000C  3254                         SIZE=BYTE,-
000C  3255                         TYPE=<ACP,DYNAMIC>,-
000C  3256                         UNIT=Boolean
000C  3257 ;
000C  3258 ; ACP datacheck enable flags.
000C  3259 ;
000C  3260         PARAMETER       ADDRESS=ACP$GB_DATACHK,-
000C  3261                         DEFAULT=2,-
000C  3262                         MIN=0,-
000C  3263                         MAX=3,-
000C  3264                         NAME=ACP_DATACHECK,-
000C  3265                         SIZE=BYTE,-
000C  3266                         TYPE=<ACP,DYNAMIC>,-
000C  3267                         UNIT=Bit-mask
000C  3268 ;
000C  3269 ; Containing the following flags:
000C  3270 ;
000C  3271         .IF     NDF,PRMSW               ; Only for exec version of sysparam
000C  3272         $GBLINI GLOBAL
000C  3273         $VIELD  ACP,0,<-
000C  3274                 <READCHK>-              ; do datachecks on reads
000C  3275                 <WRITECHK>-             ; do datachecks on writes
000C  3276                 >
000C  3277         .ENDC                           ;
000C  3278 ;
000C  3279 ; The following parameters apply per ACP.
000C  3280 ;
000C  3281 ;
000C  3282 ; ACP base priority
000C  3283 ;
000C  3284         PARAMETER       ADDRESS=ACP$GB_BASEPRIO,-       ;
000C  3285                         DEFAULT=8,-     ;
000C  3286                         MIN=4,-         ;
000C  3287                         MAX=31,-        ;
000C  3288                         NAME=ACP_BASEPRIO,-     ;
000C  3289                         SIZE=BYTE,-     ;
000C  3290                         TYPE=<ACP,DYNAMIC>,-    ;
000C  3291                         UNIT=Priority
000C  3292 ;
```

```
000C  3293 ; ACP Swap flags
000C  3294 ;
000C  3295         PARAMETER       ADDRESS=ACP$GB_SWAPFLGS,-       ;
000C  3296                         DEFAULT=<^B1111>,-      ;.
000C  3297                         MIN=0,-         ;
000C  3298                         MAX=15,-        ;
000C  3299                         NAME=ACP_SWAPFLGS,-     ;
000C  3300                         SIZE=BYTE,-     ;
000C  3301                         TYPE=<ACP,DYNAMIC>-     ;
000C  3302                         UNIT=Bit-mask
000C  3303                                         ; swappable, as follows:
000C  3304         .IF     NDF,PRMSW               ; Only for exec version of sysparam
000C  3305         $GBLINI GLOBAL
000C  3306         $VIELD  ACP,0,<-
000C  3307                 <SWAPSYS>-              ; /SYSTEM
000C  3308                 <SWAPGRP>-              ; /GROUP
000C  3309                 <SWAPPRV>-              ; other (private mount)
000C  3310                 <SWAPMAG>-              ; magtape
000C  3311                 >
000C  3312         .ENDC                           ;
000C  3313 ;
000C  3314 ; XQP memory resident control flag
000C  3315 ;
000C  3316         PARAMETER       ADDRESS=EXE$GL_STATIC_FLAGS,-
000C  3317                         DEFAULT=1,-
000C  3318                         MIN=0,-
000C  3319                         MAX=1,-
000C  3320                         NAME=ACP_XQP_RES,-
000C  3321                         BIT=EXE$V_XQP_RESIDENT,-
000C  3322                         TYPE=<ACP,STATIC>,-
000C  3323                         UNIT=Boolean
000C  3324 ;
000C  3325 ; System disk rebuild flag.
000C  3326 ;
000C  3327         PARAMETER       ADDRESS=EXE$GL_STATIC_FLAGS,-
000C  3328                         DEFAULT=1,-
000C  3329                         MIN=0,-
000C  3330                         MAX=1,-
000C  3331                         NAME=ACP_REBLDSYSD,-
000C  3332                         BIT=EXE$V_REBLDSYSD,-
000C  3333                         TYPE=<ACP,STATIC>,-
000C  3334                         UNIT=Boolean
000C  3335
000C  3336         .IIF    NOT_DEFINED GETSYISW,   .ALIGN  LONG
000C  3337
000C  3338         .PAGE
000C  3339         .SBTTL  Job Controller Parameters
000C  3340 ;
000C  3341 ; Default Priority for Job Initiations
000C  3342 ;
000C  3343         PARAMETER       SYS$GB_DEFPRI,- ;
000C  3344                         DEFAULT=4,-     ;
000C  3345                         MIN=1,-         ;
000C  3346                         MAX=31,-        ;
000C  3347                         NAME=DEFPRI,-   ;
000C  3348                         SIZE=BYTE,-     ;
000C  3349                         TYPE=<SYS,JBC,DYNAMIC>,-        ;
```

```
000C  3350                              UNIT=Priority
000C  3351 ;
000C  3352 ; Limit for interactive Jobs
000C  3353 ;
000C  3354          PARAMETER           ADDRESS=SYS$GW_IJOBLIM,-        ;
000C  3355                              DEFAULT=64,-    ;
000C  3356                              MIN=1,-         ;
000C  3357                              MAX=1024,-      ;
000C  3358                              NAME=IJOBLIM,-  ;
000C  3359                              SIZE=WORD,-     ;
000C  3360                              TYPE=<JBC,DYNAMIC>,-    ;
000C  3361                              UNIT=Jobs
000C  3362 ;
000C  3363 ; Limit for batch Jobs
000C  3364 ;
000C  3365          PARAMETER           ADDRESS=SYS$GW_BJOBLIM,-        ;
000C  3366                              DEFAULT=16,-    ;
000C  3367                              MIN=0,-         ;
000C  3368                              MAX=1024,-      ;
000C  3369                              NAME=BJOBLIM,-  ;
000C  3370                              SIZE=WORD,-     ;
000C  3371                              TYPE=<JBC,DYNAMIC>,-    ;
000C  3372                              UNIT=Jobs
000C  3373
000C  3374 ;
000C  3375 ; Limit for network Jobs
000C  3376 ;
000C  3377          PARAMETER           ADDRESS=SYS$GW_NJOBLIM,-        ;
000C  3378                              DEFAULT=16,-    ;
000C  3379                              MIN=0,-         ;
000C  3380                              MAX=1024,-      ;
000C  3381                              NAME=NJOBLIM,-  ;
000C  3382                              SIZE=WORD,-     ;
000C  3383                              TYPE=<JBC,DYNAMIC>,-    ;
000C  3384                              UNIT=Jobs
000C  3385 ;
000C  3386 ; Limit for Remote Terminal Jobs
000C  3387 ;
000C  3388          PARAMETER           ADDRESS=SYS$GW_RJOBLIM,-        ;
000C  3389                              DEFAULT=16,-    ;
000C  3390                              MIN=0,-         ;
000C  3391                              MAX=254,-       ;
000C  3392                              NAME=RJOBLIM,-  ;
000C  3393                              SIZE=WORD,-     ;
000C  3394                              TYPE=<JBC,DYNAMIC>,-    ;
000C  3395                              UNIT=Jobs
000C  3396 ;
000C  3397 ;         DEFQUEPRI - Default Queue Priority
000C  3398 ;
000C  3399          PARAMETER           ADDRESS=SYS$GB_DEFQUEPRI,-
000C  3400                              DEFAULT=4,-
000C  3401                              MAX=255,-
000C  3402                              MIN=0,-
000C  3403                              NAME=DEFQUEPRI,-
000C  3404                              TYPE=<JBC,DYNAMIC>,-
000C  3405                              UNIT=Priority
000C  3406 ;
```

```
000C  3407 ;       MAXQUEPRI - Maximum Queue Priority
000C  3408 ;
000C  3409         PARAMETER       ADDRESS=SYS$GB_MAXQUEPRI,-
000C  3410                         DEFAULT=4,-
000C  3411                         MAX=255,-
000C  3412                         MIN=0,-
000C  3413                         NAME=MAXQUEPRI,-
000C  3414                         TYPE<JBC,DYNAMIC>,-
000C  3415                         UNIT=Priority
000C  3416
000C  3417         .PAGE
000C  3418         .SBTTL  Login Security Parameters
000C  3419 ;
000C  3420 ; Number of seconds that a dialup user has in which to enter the system
000C  3421 ; password before LOGINOUT goes away
000C  3422 ;
000C  3423         PARAMETER       ADDRESS=SYS$GB_PWD_TMO,-
000C  3424                         DEFAULT=30,-
000C  3425                         MIN=0,-
000C  3426                         MAX=255,-
000C  3427                         NAME=LGI_PWD_TMO,-
000C  3428                         SIZE=BYTE,-
000C  3429                         TYPE<DYNAMIC,LGI>,-
000C  3430                         UNIT=Seconds
000C  3431
000C  3432 ;
000C  3433 ; Number of retries an interactive user has before the process goes away
000C  3434 ;
000C  3435         PARAMETER       ADDRESS=SYS$GB_RETRY_LIM,-
000C  3436                         DEFAULT=3,-
000C  3437                         MIN=0,-
000C  3438                         MAX=255,-
000C  3439                         NAME=LGI_RETRY_LIM,-
000C  3440                         SIZE=BYTE,-
000C  3441                         TYPE<DYNAMIC,LGI>,-
000C  3442                         UNIT=Tries
000C  3443
000C  3444 ;
000C  3445 ; Number of seconds that a user has in which to attempt another login
000C  3446 ; before the process goes away
000C  3447 ;
000C  3448         PARAMETER       ADDRESS=SYS$GB_RETRY_TMO,-
000C  3449                         DEFAULT=20,-
000C  3450                         MIN=0,-
000C  3451                         MAX=255,-
000C  3452                         NAME=LGI_RETRY_TMO,-
000C  3453                         SIZE=BYTE,-
000C  3454                         TYPE<DYNAMIC,LGI>,-
000C  3455                         UNIT=Seconds
000C  3456
000C  3457 ;
000C  3458 ; Number of consecutive login failures before LOGINOUT begins evasive action
000C  3459 ;
000C  3460         PARAMETER       ADDRESS=SYS$GB_BRK_LIM,-
000C  3461                         DEFAULT=5,-
000C  3462                         MIN=0,-
000C  3463                         MAX=255,-
```

```
000C  3464                             NAME=LGI_BRK_LIM,-
000C  3465                             SIZE=BYTE,-
000C  3466                             TYPE=<DYNAMIC,LGI>,-
000C  3467                             UNIT=Failures
000C  3468
000C  3469 ;
000C  3470 ; Number of seconds that a suspect must be free of login failures before it is
000C  3471 ; taken off the suspect list
000C  3472 ;
000C  3473             PARAMETER       ADDRESS=SYS$GL_BRK_TMO,-
000C  3474                             DEFAULT=300,-
000C  3475                             MIN=0,-
000C  3476                             MAX=-1,-
000C  3477                             NAME=LGI_BRK_TMO,-
000C  3478                             SIZE=LONG,-
000C  3479                             TYPE=<DYNAMIC,LGI>,-
000C  3480                             UNIT=Seconds
000C  3481
000C  3482 ;
000C  3483 ; Number of seconds that LOGINOUT should practice evasive action on an intruder
000C  3484 ;
000C  3485             PARAMETER       ADDRESS=SYS$GL_HID_TIM,-
000C  3486                             DEFAULT=300,-
000C  3487                             MIN=0,-
000C  3488                             MAX=-1,-
000C  3489                             NAME=LGI_HID_TIM,-
000C  3490                             SIZE=LONG,-
000C  3491                             TYPE=<DYNAMIC,LGI>,-
000C  3492                             UNIT=Seconds
000C  3493
000C  3494             .PAGE
000C  3495             .SBTTL  Cluster Parameters
000C  3496
000C  3497 ;
000C  3498 ;       VAXCLUSTER - Controls loading of cluster code
000C  3499 ;               0: Never load
000C  3500 ;               1: Load if SCSLOA is being loaded
000C  3501 ;               2: Always load (and also load SCSLOA)
000C  3502 ;
000C  3503             PARAMETER       ADDRESS=CLU$GB_VAXCLUSTER, -    ;
000C  3504                             DEFAULT=1,-     ;
000C  3505                             MAX=2,-         ;
000C  3506                             MIN=0,-         ;
000C  3507                             NAME=VAXCLUSTER,-       ;
000C  3508                             SIZE=BYTE,-     ;
000C  3509                             TYPE=<CLUSTER>,-        ;
000C  3510                             UNIT=Coded-value
000C  3511
000C  3512 ;
000C  3513 ; Quorum for an operable cluster
000C  3514 ;
000C  3515             PARAMETER       ADDRESS=CLU$GW_QUORUM,-
000C  3516                             DEFAULT=1,-
000C  3517                             MIN=1,-
000C  3518                             MAX=32767,-
000C  3519                             NAME=QUORUM,-
000C  3520                             SIZE=WORD,-
```

```
000C  3521                          TYPE=<CLUSTER>,-
000C  3522                          UNIT=Votes
000C  3523
000C  3524 ;
000C  3525 ; Number of votes this system contributes to quorum
000C  3526 ;
000C  3527          PARAMETER       ADDRESS=CLU$GW_VOTES,-
000C  3528                          DEFAULT=1,-
000C  3529                          MIN=0,-
000C  3530                          MAX=127,-
000C  3531                          NAME=VOTES,-
000C  3532                          SIZE=WORD,-
000C  3533                          TYPE=<CLUSTER>,-
000C  3534                          UNIT=Votes
000C  3535
000C  3536 ;
000C  3537 ; Interval during which to attempt reconnection to a remote system
000C  3538 ;
000C  3539          PARAMETER       ADDRESS=CLU$GW_RECNXINT,-
000C  3540                          DEFAULT=60,-
000C  3541                          MIN=1,-
000C  3542                          MAX=32767,-
000C  3543                          NAME=RECNXINTERVAL,-
000C  3544                          SIZE=WORD,-
000C  3545                          TYPE=<CLUSTER,DYNAMIC>,-
000C  3546                          UNIT=Seconds
000C  3547
000C  3548 ;
000C  3549 ; The cluster quorum disk name
000C  3550 ;
000C  3551          PARAMETER       ADDRESS=CLU$GB_QDISK,-
000C  3552                          DEFAULT=<^A/    />,-
000C  3553                          MIN=<^A/    />,-
000C  3554                          MAX=<^A/ZZZZ/>,-
000C  3555                          NAME=DISK_QUORUM,-
000C  3556                          SIZE=OCTA,-
000C  3557                          TYPE=<ASCII,CLUSTER>,-
000C  3558                          UNIT=Ascii
000C  3559
000C  3560 ;
000C  3561 ; Number of votes contributed by quorum disk
000C  3562 ;
000C  3563          PARAMETER       ADDRESS=CLU$GW_QDSKVOTES,-
000C  3564                          DEFAULT=1,-
000C  3565                          MIN=0,-
000C  3566                          MAX=127,-
000C  3567                          NAME=QDSKVOTES,-
000C  3568                          SIZE=WORD,-
000C  3569                          TYPE=<CLUSTER>,-
000C  3570                          UNIT=Votes
000C  3571
000C  3572 ;
000C  3573 ; Disk Quorum Inverval
000C  3574 ;
000C  3575          PARAMETER       ADDRESS=CLU$GW_QDSKINTERVAL,-
000C  3576                          DEFAULT=20,-
000C  3577                          MIN=1,-
```

```
000C  3578                              MAX=32767,-
000C  3579                              NAME=QDSKINTERVAL,-
000C  3580                              SIZE=WORD,-
000C  3581                              TYPE=<CLUSTER>,-
000C  3582                              UNIT=Seconds
000C  3583
000C  3584 ;
000C  3585 ; Define a parameter which determines the device allocation class for
000C  3586 ; this system.  The device allocation class is used to derive a common
000C  3587 ; lock resource name for multiple access paths to the same device.
000C  3588 ;
000C  3589          PARAMETER           ADDRESS=CLU$GL_ALLOCLS, -
000C  3590                              NAME=ALLOCLASS, -
000C  3591                              TYPE=<CLUSTER>, -
000C  3592                              DEFAULT=0, -
000C  3593                              MIN=0, -
000C  3594                              MAX=255, -
000C  3595                              UNIT=Pure-number
000C  3596
000C  3597 ;
000C  3598 ; Lock manager directory system weight.  Determines portion of lock
000C  3599 ; manger directory entires which will be handled by this system.
000C  3600 ;
000C  3601          PARAMETER           ADDRESS=CLU$GW_LCKDIRWT,-
000C  3602                              DEFAULT=1,-
000C  3603                              MIN=0,-
000C  3604                              MAX=255,-
000C  3605                              NAME=LOCKDIRWT,-
000C  3606                              SIZE=WORD,-
000C  3607                              TYPE=<CLUSTER>,-
000C  3608                              UNIT=Pure-number
000C  3609
000C  3610 ;
000C  3611 ; Define a parameter which tells us whether or not this system is tailored
000C  3612 ; (i.e., has a library disk).  This is the right way to determine tailoring
000C  3613 ; now that many different system disks can be tailored.
000C  3614 ;
000C  3615          PARAMETER           ADDRESS=SGN$GB_TAILORED,-
000C  3616                              DEFAULT=0,-
000C  3617                              MAX=1,-
000C  3618                              MIN=0,-
000C  3619                              NAME=TAILORED,-
000C  3620                              SIZE=BYTE,-
000C  3621                              TYPE=<SYS>,-
000C  3622                              UNIT=Boolean
000C  3623
000C  3624          .IF     NOT_DEFINED GETSYISW
000C  3625 ;
000C  3626 ; WORK STATION FLAGS.
000C  3627 ;
000C  3628          .ALIGN  LONG                        ;
000C  3629          .IF     NDF,PRMSW                   ;
000C  3630 EXE$GL_WSFLAGS::                            ; Work station SYSGEN flags
000C  3631          .ENDC   ; NDF,PRMSW
000C  3632          .LONG   0;
000C  3633          .ENDC   ; NOT_DEFINED GETSYISW
000C  3634
```

```
000C  3635          $VIELD  EXE,0,<-                ; DEFINITION FOR EXE$GL_DYNAMIC_FLAGS
000C  3636                  OPA0,-                  ; Reserve a window for OPA0
000C  3637          >
000C  3638
000C  3639 ;
000C  3640 ;        WS_OPA0 -       If set reserve the first 24 scan lines for an OPA0 window
000C  3641 ;
000C  3642          PARAMETER       ADDRESS=exe$gl_wsflags,-;
000C  3643                          DEFAULT=0,-     ;
000C  3644                          MAX=1,-         ;
000C  3645                          MIN=0,-         ;
000C  3646                          NAME=WS_OPA0,-  ;
000C  3647                          BIT=EXE$V_OPA0,-;
000C  3648                          TYPE=<DYNAMIC,SYS>,-;
000C  3649                          UNIT=Boolean
000C  3650
000C  3651 ;
000C  3652 ; Define eight parameters which are used to pass information to the system
000C  3653 ; startup procedure (STARTUP.COM).
000C  3654 ;
000C  3655          PARAMETER       ADDRESS=SGN$GB_STARTUP_P1,-
000C  3656                          DEFAULT=<^A/    />,-
000C  3657                          MIN=<^A/    />,-
000C  3658                          MAX=<^A/zzzz/>,-
000C  3659                          NAME=STARTUP_P1,-
000C  3660                          SIZE=LONG,-
000C  3661                          TYPE=<ASCII,SYS>,-
000C  3662                          UNIT=Ascii
000C  3663          PARAMETER       ADDRESS=SGN$GB_STARTUP_P2,-
000C  3664                          DEFAULT=<^A/    />,
000C  3665                          MIN=<^A/    />,-
000C  3666                          MAX=<^A/zzzz/>,-
000C  3667                          NAME=STARTUP_P2,-
000C  3668                          SIZE=LONG,-
000C  3669                          TYPE=<ASCII,SYS>,-
000C  3670                          UNIT=Ascii
000C  3671          PARAMETER       ADDRESS=SGN$GB_STARTUP_P3,-
000C  3672                          DEFAULT=<^A/    />,-
000C  3673                          MIN=<^A/    />,-
000C  3674                          MAX=<^A/zzzz/>,-
000C  3675                          NAME=STARTUP_P3,-
000C  3676                          SIZE=LONG,-
000C  3677                          TYPE=<ASCII,SYS>,-
000C  3678                          UNIT=Ascii
000C  3679          PARAMETER       ADDRESS=SGN$GB_STARTUP_P4,-
000C  3680                          DEFAULT=<^A/    />,-
000C  3681                          MIN=<^A/    />,-
000C  3682                          MAX=<^A/zzzz/>,-
000C  3683                          NAME=STARTUP_P4,-
000C  3684                          SIZE=LONG,-
000C  3685                          TYPE=<ASCII,SYS>,-
000C  3686                          UNIT=Ascii
000C  3687          PARAMETER       ADDRESS=SGN$GB_STARTUP_P5,-
000C  3688                          DEFAULT=<^A/    />,-
000C  3689                          MIN=<^A/    />,-
000C  3690                          MAX=<^A/zzzz/>,-
000C  3691                          NAME=STARTUP_P5,-
```

```
000C  3692                    SIZE=LONG,-
000C  3693                    TYPE=<ASCII,SYS>,-
000C  3694                    UNIT=Ascii
000C  3695          PARAMETER ADDRESS=SGN$GB_STARTUP_P6,-
000C  3696                    DEFAULT=<^A/    />,-
000C  3697                    MIN=<^A/    />,-
000C  3698                    MAX=<^A/zzzz/>,-
000C  3699                    NAME=STARTUP_P6,-
000C  3700                    SIZE=LONG,-
000C  3701                    TYPE=<ASCII,SYS>,-
000C  3702                    UNIT=Ascii
000C  3703          PARAMETER ADDRESS=SGN$GB_STARTUP_P7,-
000C  3704                    DEFAULT=<^A/    />,-
000C  3705                    MIN=<^A/    />,-
000C  3706                    MAX=<^A/zzzz/>,-
000C  3707                    NAME=STARTUP_P7,-
000C  3708                    SIZE=LONG,-
000C  3709                    TYPE=<ASCII,SYS>,-
000C  3710                    UNIT=Ascii
000C  3711          PARAMETER ADDRESS=SGN$GB_STARTUP_P8,-
000C  3712                    DEFAULT=<^A/    />,-
000C  3713                    MIN=<^A/    />,-
000C  3714                    MAX=<^A/zzzz/>,-
000C  3715                    NAME=STARTUP_P8,-
000C  3716                    SIZE=LONG,-
000C  3717                    TYPE=<ASCII,SYS>,-
000C  3718                    UNIT=Ascii
000C  3719
000C  3720          .IF       NOT_DEFINED GETSYISW
000C  3721
000C  3722          .PAGE
000C  3723          .SBTTL    COMPUTED VALUES
000C  3724          .ALIGN    LONG                    ;
000C  3725          DEFINE    SWP$GL_SHELLSIZ         ; PAGES REQUIRED FOR SHELL
000C  3726          .LONG     0                       ;
000C  3727
000C  3728          DEFINE    SWP$GW_BAKPTE           ; PHD PAGES FOR BAK+WSLX+LCK+VAL
000C  3729          .WORD     0                       ;
000C  3730
000C  3731          DEFINE    SWP$GW_EMPTPTE          ; EMPTY PHDPAGES
000C  3732          .WORD     0                       ;
000C  3733
000C  3734          DEFINE    SWP$GW_WSLPTE           ; PHD PAGES FOR FIXED+WSL+PST
000C  3735          .WORD     0                       ;
000C  3736
000C  3737          DEFINE    SWP$GB_SHLP1PT          ; P1 PAGE TABLES REQUIRED FOR SHELL
000C  3738          .BYTE     0                       ;
000C  3739
000C  373A          .BYTE     0                       ; SPARE
000C  3741
000C  3742          DEFINE    SWP$GL_BSLOTSZ          ; SIZE OF BALANCE SLOT
000C  3743          .LONG     0                       ;
000C  3744
000C  3745          DEFINE    SWP$GL_MAP              ; SWAPPER MAP POINTER
000C  3746          .LONG     0                       ;
000C  3747
000C  3748          DEFINE    SWP$GL_PHDBASVA         ; BASE ADDRESS OF PHD WINDOW
```

```
000C  3749          .LONG   0                       ;
000C  3750
000C  3751          DEFINE  SGN$GL_PHDAPCNT         ; TOTAL SHELL HEADER PAGES
000C  3752          .LONG   0                       ;
000C  3753
000C  3754          DEFINE  SGN$GL_PHDLWCNT         ; COUNT OF LONGWORDS IN PHD
000C  3755          .LONG   0                       ;
000C  3756
000C  3757          DEFINE  SGN$GL_P1LWCNT          ; COUNT OF LW TO END OF P1 PAGETABLE
000C  3758          .LONG   0                       ;
000C  3759
000C  3760          DEFINE  SGN$GL_PHDPAGCT         ; TOTAL PHD PAGES LESS PAGE TABLES
000C  3761          .LONG   0                       ;
000C  3762
000C  3763          DEFINE  SGN$GL_PTPAGCNT         ; TOTAL PAGE TABLE COUNT
000C  3764          .LONG   0                       ;
000C  3765
000C  3766          DEFINE  MMG$GL_CTLBASVA         ; BASE ADDRESS IN CONTROL REGION
000C  3767          .LONG   0                       ;
000C  3768
000C  3769 ;
000C  3770 ;        THE FOLLOWING TWO CELLS MUST BE ADJACENT
000C  3771 ;
000C  3772          DEFINE  EXE$AL_STACKS           ; ARRAY OF KERNEL MODE SYSTEM SPACE STACKS
000C  3773          .LONG   SWP$A_KSTK              ; SWAPPER STACK (ADJACENT TO NULL STACK)
000C  3774          DEFINE  EXE$GL_INTSTK           ; BASE OF INTERRUPT STACK
000C  3775          .LONG   0                       ;
000C  3776 ;
000C  3777 ;        THE PRECEDING TWO LONG WORDS MUST BE ADJACENT.
000C  3778 ;
000C  3779
000C  3780          DEFINE  MMG$GL_GPTBASE          ; GLOBAL PAGE TABLE BASE ADDRESS
000C  3781          .LONG   0                       ;
000C  3782
000C  3783          DEFINE  MMG$GL_GPTE             ; BASE ADDRESS OF SPT PTES FOR GPT
000C  3784          .LONG   0                       ; PAGES
000C  3785
000C  3786          DEFINE  MMG$GL_MAXGPTE          ; HIGHEST GPTE ADDRESS
000C  3787          .LONG   0                       ;
000C  3788
000C  3789          DEFINE  MMG$GL_MAXSYSVA         ; HIGHEST SYSTEM VA (+1)
000C  3790          DEFINE  MMG$GL_FRESVA           ; SYNONYM
000C  3791          .LONG   0                       ;
000C  3792
000C  3793          DEFINE  MMG$GL_SPTBASE          ; BASE ADDRESS OF SPT (VIRTUAL)
000C  3794          .LONG   0                       ;
000C  3795
000C  3796          DEFINE  MMG$GL_SPTLEN           ; LENGTH OF SYSTEM PAGE TABLE
000C  3797          .LONG   0                       ;
000C  3798
000C  3799          DEFINE  MMG$GL_SYSPHD           ; VA OF SYSTEM PHD
000C  3800          .LONG   0                       ;
000C  3801
000C  3802          DEFINE  MMG$GL_SYSPHDLN         ; SIZE OF SYSTEM PHD IN BYTES
000C  3803          .LONG   0                       ;
000C  3804
000C  3805          DEFINE  SWP$GL_BALBASE          ; BASE VA OF BALANCE SLOTS FOR
```

```
000C  3806          .LONG   0                       ; PROCESS HEADERS
000C  3807
000C  3808          DEFINE  SWP$GL_BALSPT           ; BASE VA IN SPT FOR MAPPING BALANCE
000C  3809          .LONG   0                       ; SLOTS
000C  3810
000C  3811          DEFINE  MMG$GL_SBR              ; SYSTEM BASE REGISTER
000C  3812          .LONG   0                       ;
000C  3813
000C  3814          DEFINE  MMG$GL_NPAGEDYN         ; VA OF NON-PAGED POOL
000C  3815          .LONG   0                       ;
000C  3816
000C  3817          DEFINE  MMG$GL_NPAGNEXT         ; NEXT VA FOR NON-PAGED POOL EXTENSION
000C  3818          .LONG   0                       ;
000C  3819
000C  3820          DEFINE  MMG$GL_IRPNEXT          ; NEXT VA FOR IRP LIST EXTENSION
000C  3821          .LONG   0                       ;
000C  3822
000C  3823          DEFINE  MMG$GL_LRPNEXT          ; NEXT VA FOR LRP LIST EXTENSION
000C  3824          .LONG   0                       ;
000C  3825
000C  3826          DEFINE  MMG$GL_SRPNEXT          ; NEXT VA FOR SRP LIST EXTENSION
000C  3827          .LONG   0                       ;
000C  3828
000C  3829          DEFINE  MMG$GL_PAGEDYN          ; VA OF PAGED POOL
000C  3830          .LONG   0                       ;
000C  3831
000C  3832          DEFINE  MMG$GL_MAXPFN           ; MAXIMUM PFN FOR SYSTEM
000C  3833          .LONG   0                       ;
000C  3834
000C  3835          DEFINE  MMG$GL_MINPFN           ; MINIUMUM PFN IN PFN DATABASE
000C  3836          .LONG   0                       ;
000C  3837
000C  3838          DEFINE  MMG$GL_MAXMEM           ; HIGHEST PFN MAPPED BY SYSBOOT
000C  3839          .LONG   0                       ; INCLUDES PAGES NOT IN PFN DATABASE
000C  3840
000C  3841          DEFINE  EXE$GL_RPB              ; VIRTUAL ADDRESS OF RESTART PARAMETER BLK
000C  3842          .LONG   0                       ;
000C  3843
000C  3844          DEFINE  BOO$GL_SPTFREL          ; LOWER VPN OF SPT FREE AREA
000C  3845          .LONG   0                       ;
000C  3846
000C  3847          DEFINE  BOO$GL_SPTFREH          ; HIGHER VPN OF SPT FREE AREA
000C  3848          .LONG   0                       ;
000C  3849
000C  3850          DEFINE  EXE$GL_SCB              ; VIRTUAL ADDRESS OF SCB
000C  3851          .LONG   0                       ;
000C  3852
000C  3853          DEFINE  EXE$GL_ARCHFLAG         ; ARCHITECTURAL FLAGS (BITS DEFINED
000C  3854          .LONG   0                       ; BY $ARCDEF
000C  3855
000C  3856          DEFINE  EXE$GB_CPUDATA          ; 16 BYTES OF DATA ABOUT THE CPU
000C  3857          .LONG   0,0,0,0                 ; 4 BYTES FOR SID, REST CPU SPECIFIC
000C  3858
000C  3859          DEFINE  EXE$GB_CPUTYPE          ; CPU TYPE READ FROM SID
000C  3860          .BYTE   0                       ;
000C  3861
000C  3862          .IF     NDF,PRMSW               ; SIZE OF PFN DATA BASE IN BYTES
```

```
                                I 4
000C  3863          PFN$C_WORD_LEN == 18            ;  ... with word length FLINK and BLINK
000C  3864          PFN$C_LONG_LEN == 22            ;  ... with longword length FLINK and BLINK
000C  3865          .ENDC                           ;
000C  3866
000C  3867          DEFINE  PFN$GB_LENGTH           ; Number of bytes per page in PFN data base
000C  3868          .BYTE   PFN$C_WORD_LEN          ; Defaults to word length FLINK and BLINK
000C  3869
000C  3870          DEFINE  MMG$GW_BIGPFN           ; Flag to indicate size of PFN FLINK, BLINK
000C  3871          .WORD   0                       ; word for historical reasons
000C  3872
000C  3873          DEFINE  EXE$GW_PGFL_FID         ; FILE ID OF PAGEFILE.SYS
000C  3874          .WORD   0,0,0                   ; IF FILE IS IN PAGE FILE
000C  3875
000C  3876          .ALIGN  LONG                    ; LONWORD ALIGN POINTERS
000C  3877          DEFINE  PFN$A_BASE              ; BASE OF PFN POINTERS
000C  3878          PFNALC  L,PTE                   ; ADDRESS OF PAGE TABLE ENTRY
000C  3879          PFNALC  L,BAK                   ; BACKING STORE ADDRESS
000C  3880          PFNALC  W,REFCNT                ; REFERENCE COUNT
000C  3881          PFNALC  x,<FLINK,-              ; FORWARD LINK
000C  3882                  SHRCNT>                 ; ALSO USED AS GLOBAL SHARE COUNT
000C  3883          PFNALC  x,<BLINK,-              ; BACK LINK
000C  3884                  WSLX>                   ; ALSO USED AS WORKING SET LIST INDEX
000C  3885          PFNALC  W,SWPVBN                ; SWAP IMAGE VIRTUAL BLOCK OFFSET
000C  3886          PFNALC  B,STATE                 ; STATE OF PAGE
000C  3887          PFNALC  B,TYPE                  ; TYPE OF PAGE
000C  3888
000C  3889          DEFINE  EXE$GT_STARTUP          ; NAME OF STARTUP COMMAND FILE
000C  3890          .ASCIC  /SYS$SYSTEM:STARTUP.COM/; DEFAULT VALUE
000C  3891          .BLKB   <32-<.-EXE$GT_STARTUP>> ; ALLOW FOR 31 BYTES + COUNT
000C  3892          .IF     NDF,PRMSW               ; IF EXEC VERSION
000C  3893 EXE$C_SYSPARSZ==.-EXE$A_SYSPARAM        ; SIZE OF SYSTEM PARAMETERS
000C  3894          .IFF                            ;
000C  3895          .PSECT  $$$918,LONG             ;
000C  3896          .LONG   0                       ; FLAG TO MARK END
000C  3897          .ENDC                           ;
000C  3898
000C  3899          .PAGE
000C  3900          .SUBTITLE       MMG$GL_PGDCOD   Boundary of pageable exec
000C  3901 ;-
000C  3902 ;  The cells in this module between the definition of EXE$C_SYSPARSZ and
000C  3903 ;  the definition of BOO$C_SYSPARSZ are used for communication between
000C  3904 ;  SYSBOOT and SYS.EXE without interference from the SYSGEN USE and WRITE
000C  3905 ;  commands. SYSBOOT uses BOO$C_SYSPARSZ as the size of the parameter area.
000C  3906 ;  SYSGEN uses EXE$C_SYSPARSZ as its size constant and so SYSGEN commands
000C  3907 ;  do not affect the contents of cells that follow the definition of
000C  3908 ;  EXE$C_SYSPARSZ.
000C  3909 ;
000C  3910 ;  The cell called MMG$GL_PGDCOD contains the address of the boundary
000C  3911 ;  between the nonpaged and pageable exec routines. This cell is used by
000C  3912 ;  both INIT and SYSBOOT. It is initialized by SYSBOOT to point to the
000C  3913 ;  beginning of the second page of patch area that lies between nonpaged
000C  3914 ;  and pageable exec routines. If it is necessary to add another page of
000C  3915 ;  nonpaged patch space, then this cell (from BOO$GL_PGDCOD in SYSBOOT) and
000C  3916 ;  the first longword of the descriptor for the nonpaged read-only patch area
000C  3917 ;  must have 512 added to their contents.
000C  3918 ;-
000C  3919
```

```
000C  3920          .IF     NDF,PRMSW
000C  3921          .PSECT  $$$917
000C  3922          .IFF
000C  3923          .PSECT  $$$917A
000C  3924          .ENDC
000C  3925
000C  3926          DEFINE          MMG$GL_PGDCOD   ; CELL THAT CONTAINS BOUNDARY
000C  3927          DEFINE          PAT$GL_EXP_NPG2 ; (SYNONYM)
000C  3928          .LONG   0
000C  3929
000C  3930          .IF     NDF,PRMSW
000C  3931
000C  3932 BOO$C_SYSPARSZ==.-EXE$A_SYSPARAM        ; SIZE OF PARAMETER AREA READ BY SYSBOOT
000C  3933
000C  3934 ;
000C  3935 ;  Bound pagable exec code to page boundary and define
000C  3936 ;  starting virtual address of this region.
000C  3937 ;
000C  3938
000C  3939          .PSECT  Y$$$BEGIN_PAGEDCODE,PAGE
000C  3940          .ENDC
000C  3941
000C  3942          .ENDC           ; NOT_DEFINED GETSYISW
000C  3943
000C  3944 ;
000C  3945 ; Terminate the definition of the macro
000C  3946 ;
000C  3947          .ENDM   SYI_GENERATE_TABLE
000C  3948
000C  3949 ;
000C  3950 ; Invoke the macro just defined (if this isn't getsyi)
000C  3951 ;
000C  3952          .IIF    NOT_DEFINED GETSYISW,   SYI_GENERATE_TABLE
```

```
                     0194
                     0194                .NLIST  CND
                     0194                PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
                     0194                                DEFAULT=1,-     ;
                     0194                                MAX=1,-         ;
                     0194                                MIN=0,-         ;
                     0194                                NAME=BUGREBOOT,-;
                     0194                                BIT=EXE$V_BUGREBOOT,-   ;
                     0194                                TYPE=<DYNAMIC,SYS>,-    ;
                     0194                                UNIT=Boolean
                     0194
                     0194            ;
                     0194            ; When GETSYISW is defined, the macro PARAMETER becomes a conduit to
                     0194            ; a lower level macro SYI_ITEM_CODE. In the fashion of JPI_ITEM_CODE and
                     0194            ; DVI_ITEM_CODE, SYI_ITEM_CODE is called multiple times (once per item)
                     0194            ; by the larger macro SYI_GENERATE_TABLE. This file becomes the definition
                     0194            ; of SYI_GENERATE_TABLE when GETSYISW is defined.
                     0194            ;
00000004             0194                    OUTLEN = 4
                     0194
                     0194
                     0194
                     0194
                     0194
```

```
0000  3953
0000  3954          .IIF    NOT_DEFINED GETSYISW,   .END    ; PREFIX FILE, IF GETSYISW
```

```
ACP$GB_BASEPRIO                 00000288 RG     02
ACP$GB_DATACHK                  00000287 RG     02
ACP$GB_MAXREAD                  00000284 RG     02
ACP$GB_SWAPFLGS                 00000289 RG     02
ACP$GB_WINDOW                   00000285 RG     02
ACP$GB_WRITBACK                 00000286 RG     02
ACP$GW_DINDXCACHE               00000276 RG     02
ACP$GW_DIRCACHE                 00000274 RG     02
ACP$GW_EXTCACHE                 0000027C RG     02
ACP$GW_EXTLIMIT                 0000027E RG     02
ACP$GW_FIDCACHE                 0000027A RG     02
ACP$GW_HDRCACHE                 00000272 RG     02
ACP$GW_MAPCACHE                 00000270 RG     02
ACP$GW_QUOCACHE                 00000280 RG     02
ACP$GW_SYSACC                   00000282 RG     02
ACP$GW_WORKSE.                  00000278 RG     02
ACP$V_READCHK                 = 00000000   G
ACP$V_SWAPGRP                 = 00000001   G
ACP$V_SWAPMAG                 = 00000003   G
ACP$V_SWAPPRV                 = 00000002   G
ACP$V_SWAPSYS                 = 00000000   G
ACP$V_WRITECHK                = 00000001   G
BIT...                        = 00000001
BOO$C_SYSPARSZ                = 000003F0   G
BOO$GL_SPTFREH                  00000384 RG     02
BOO$GL_SPTFREL                  00000380 RG     02
CLU$GB_QDISK                    000002B4 RG     02
CLU$GB_VAXCLUSTER               000002AC RG     02
CLU$GL_ALLOCLS                  000002C8 RG     02
CLU$GW_LCKDIRWT                 000002CC RG     02
CLU$GW_QDSKINTERVAL             000002C6 RG     02
CLU$GW_QDSKVOTES                000002C4 RG     02
CLU$GW_QUORUM                   000002AE RG     02
CLU$GW_RECNXINT                 000002B2 RG     02
CLU$GW_VOTES                    000002B0 RG     02
DEDUCTIBLE                    = 00000001
EXE$AL_STACKS                   00000324 RG     02
EXE$A_SYSPARAM                  00000000 RG     02
EXE$C_SYSPARSZ                = 000003EC   G
EXE$GB_CPUDATA                  00000390 RG     02
EXE$GB_CPUTYPE                  000003A0 RG     02
EXE$GL_ARCHFLAG                 0000038C RG     02
EXE$GL_CLITABL                  0000012C RG     02
EXE$GL_DEFFLAGS                 00000190 RG     02
EXE$GL_DYNAMIC_FLAGS            00000194 RG     02
EXE$GL_INTSTK                   00000328 RG     02
EXE$GL_LOCKRTRY                 00000120 RG     02
EXE$GL_MSGFLAGS                 0000019C RG     02
EXE$GL_RPB                      0000037C RG     02
EXE$GL_RTIMESPT                 00000128 RG     02
EXE$GL_SCB                      00000388 RG     02
EXE$GL_STATIC_FLAGS             00000198 RG     02
EXE$GL_SYSUIC                   00000100 RG     02
EXE$GL_TODR                     00000008 RG     02
EXE$GL_WSFLAGS                  000002D0 RG     02
EXE$GQ_TODCBASE                 00000000 RG     02
EXE$GT_STARTUP                  000003CC RG     02
EXE$GW_PGFL_FID                 000003A4 RG     02
EXE$V_BRK_DISUSER             = 00000003   G
EXE$V_BRK_TERM                = 00000002   G
EXE$V_BUGDUMP                 = 00000010   G
EXE$V_BUGREBOOT               = 0000000D   G
EXE$V_CJFLOAD                 = 0000001D   G
EXE$V_CJFSYSRUJ               = 0000001E   G
EXE$V_CLASS_PROT              = 00000000   G
EXE$V_CONCEALED               = 00000012   G
EXE$V_CRDENABL                = 00000006   G
EXE$V_DISMOUMSG               = 00000001   G
EXE$V_EXPLICITP               = 00000014   G
EXE$V_EXPLICITS               = 00000015   G
EXE$V_FATAL_BUG               = 0000000A   G
EXE$V_INIT                    = 00000008   G
EXE$V_JOBQUEUES               = 0000001B   G
EXE$V_MOUNTMSG                = 00000000   G
EXE$V_MULTACP                 = 0000000B   G
EXE$V_NOAUTOCNF               = 00000001   G
EXE$V_NOCLOCK                 = 00000005   G
EXE$V_NOCLUSTER               = 0000000C   G
EXE$V_OPA0                    = 00000000   G
EXE$V_PAGFILDMP               = 00000019   G
EXE$V_PGFLCRIT                = 00000017   G
EXE$V_PGFLFRAG                = 00000016   G
EXE$V_POOLPGING               = 00000003   G
EXE$V_REBLDSYSD               = 00000001   G
EXE$V_REINITQUE               = 0000001C   G
EXE$V_RESALLOC                = 00000011   G
EXE$V_SAVEDUMP                = 0000001A   G
EXE$V_SBIERR                  = 00000007   G
EXE$V_SETTIME                 = 00000009   G
EXE$V_SHRF11ACP               = 0000000F   G
EXE$V_SIMULATOR               = 00000004   G
EXE$V_SSINHIBIT               = 00000013   G
EXE$V_SYSPAGING               = 00000002   G
EXE$V_SYSUAFALT               = 0000000E   G
EXE$V_SYSWRTABL               = 00000000   G
EXE$V_TBCHK                   = 00000018   G
EXE$V_WRITESYSPARAMS          = 00000001   G
EXE$V_XQP_RESIDENT            = 00000000   G
IOC$GW_LAMAPREG                 00000126 RG     02
IOC$GW_MAXBUF                   00000106 RG     02
IOC$GW_MBXBFQUO                 00000108 RG     02
IOC$GW_MBXMXMSG                 0000010A RG     02
IOC$GW_MBXNMMSG                 0000010C RG     02
IOC$GW_MVTIMEOUT                00000104 RG     02
IOC$GW_XFMXRATE                 00000124 RG     02
LCK$GL_EXTRASTK                 0000002C RG     02
LCK$GL_HTBLSIZ                  00000138 RG     02
LCK$GL_IDTBLMAX                 00000134 RG     02
LCK$GL_IDTBLSIZ                 00000130 RG     02
LCK$GL_WAITTIME                 0000013C RG     02
LNM$GL_HTBLSIZP                 0000018C RG     02
LNM$GL_HTBLSIZS                 00000188 RG     02
MMG$GL_CTLBASVA                 00000320 RG     02
MMG$GL_FRESVA                   00000338 RG     02
```

```
MMG$GL_GPTBASE          0000032C RG  02        OP$_CVTBH                = 00006CFD
MMG$GL_GPTE             00000330 RG  02        OP$_CVTDB                = 00000068
MMG$GL_IRPNEXT          00000360 RG  02        OP$_CVTDF                = 00000076
MMG$GL_LRPNEXT          00000364 RG  02        OP$_CVTDH                = 000032FD
MMG$GL_MAXGPTE          00000334 RG  02        OP$_CVTDL                = 0000006A
MMG$GL_MAXMEM           00000378 RG  02        OP$_CVTDW                = 00000069
MMG$GL_MAXPFN           00000370 RG  02        OP$_CVTFB                = 00000048
MMG$GL_MAXSYSVA         00000338 RG  02        OP$_CVTFD                = 00000056
MMG$GL_MINPFN           00000374 RG  02        OP$_CVTFG                = 000099FD
MMG$GL_NPAGEDYN         00000358 RG  02        OP$_CVTFH                = 000098FD
MMG$GL_NPAGNEXT         0000035C RG  02        OP$_CVTFL                = 0000004A
MMG$GL_PAGEDYN          0000036C RG  02        OP$_CVTFW                = 00000049
MMG$GL_PGDCOD           000003EC RG  02        OP$_CVTGB                = 000048FD
MMG$GL_PHYPGCNT         00000098 RG  02        OP$_CVTGF                = 000033FD
MMG$GL_SBR              00000354 RG  02        OP$_CVTGH                = 000056FD
MMG$GL_SPTBASE          0000033C RG  02        OP$_CVTGL                = 00004AFD
MMG$GL_SPTLEN           00000340 RG  02        OP$_CVTGW                = 000049FD
MMG$GL_SRPNEXT          00000368 RG  02        OP$_CVTHB                = 000068FD
MMG$GL_SYSPHD           00000344 RG  02        OP$_CVTHD                = 0000F7FD
MMG$GL_SYSPHDLN         00000348 RG  02        OP$_CVTHF                = 0000F6FD
MMG$GW_BIGPFN           000003A2 RG  02        OP$_CVTHG                = 000076FD
MPW$AW_INITVAL          00000084 RG  02        OP$_CVTHL                = 00006AFD
MPW$GB_PRIO             0000008A RG  02        OP$_CVTHW                = 000069FD
MPW$GL_THRESH           0000008C RG  02        OP$_CVTLD                = 0000006E
MPW$GL_WAITLIM          00000090 RG  02        OP$_CVTLF                = 0000004E
MPW$GW_HILIM            00000086 RG  02        OP$_CVTLG                = 00004EFD
MPW$GW_LOLIM            00000088 RG  02        OP$_CVTLH                = 00006EFD
MPW$GW_MPWPFC           00000084 RG  02        OP$_CVTLP                = 000000F9
OP$_ACBD              = 0000006F               OP$_CVTPL                = 00000036
OP$_ACBF              = 0000004F               OP$_CVTPS                = 00000008
OP$_ACBG              = 00004FFD               OP$_CVTPT                = 00000024
OP$_ACBH              = 00006FFD               OP$_CVTRDL               = 0000006B
OP$_ADDD2             = 00000060               OP$_CVTRFL               = 0000004B
OP$_ADDD3             = 00000061               OP$_CVTRGL               = 00004BFD
OP$_ADDF2             = 00000040               OP$_CVTRHL               = 00006BFD
OP$_ADDF3             = 00000041               OP$_CVTSP                = 00000009
OP$_ADDG2             = 000040FD               OP$_CVTTP                = 00000026
OP$_ADDG3             = 000041FD               OP$_CVTWD                = 0000006D
OP$_ADDH2             = 000060FD               OP$_CVTWF                = 0000004D
OP$_ADDH3             = 000061FD               OP$_CVTWG                = 00004DFD
OP$_ADDP4             = 00000020               OP$_CVTWH                = 00006DFD
OP$_ADDP6             = 00000021               OP$_DIVD2                = 00000066
OP$_ASHP              = 000000F8               OP$_DIVD3                = 00000067
OP$_CLRD              = 0000007C               OP$_DIVF2                = 00000046
OP$_CLRF              = 000000D4               OP$_DIVF3                = 00000047
OP$_CLRG              = 0000007C               OP$_DIVG2                = 000046FD
OP$_CLRH              = 00007CFD               OP$_DIVG3                = 000047FD
OP$_CMPD              = 00000071               OP$_DIVH2                = 000066FD
OP$_CMPF              = 00000051               OP$_DIVH3                = 000067FD
OP$_CMPG              = 000051FD               OP$_DIVP                 = 00000027
OP$_CMPH              = 000071FD               OP$_EDITPC               = 00000038
OP$_CMPP3             = 00000035               OP$_EMODD                = 00000074
OP$_CMPP4             = 00000037               OP$_EMODF                = 00000054
OP$_CRC               = 0000000B               OP$_EMODG                = 000054FD
OP$_CVTBD             = 0000006C               OP$_EMODH                = 000074FD
OP$_CVTBF             = 0000004C               OP$_MATCHC               = 00000039
OP$_CVTBG             = 00004CFD               OP$_MNEGD                = 00000072
```

```
OP$_MNEGF       =  00000052
OP$_MNEGG       =  000052FD
OP$_MNEGH       =  000072FD
OP$_MOVD        =  00000070
OP$_MOVF        =  00000050
OP$_MOVG        =  000050FD
OP$_MOVH        =  000070FD
OP$_MOVP        =  00000034
OP$_MOVTC       =  0000002E
OP$_MOVTUC      =  0000002F
OP$_MULD2       =  00000064
OP$_MULD3       =  00000065
OP$_MULF2       =  00000044
OP$_MULF3       =  00000045
OP$_MULG2       =  000044FD
OP$_MULG3       =  000045FD
OP$_MULH2       =  000064FD
OP$_MULH3       =  000065FD
OP$_MULP        =  00000025
OP$_POLYD       =  00000075
OP$_POLYF       =  00000055
OP$_POLYG       =  000055FD
OP$_POLYH       =  000075FD
OP$_SCANC       =  0000002A
OP$_SKPC        =  0000003B
OP$_SPANC       =  0000002B
OP$_SUBD2       =  00000062
OP$_SUBD3       =  00000063
OP$_SUBF2       =  00000042
OP$_SUBF3       =  00000043
OP$_SUBG2       =  000042FD
OP$_SUBG3       =  000043FD
OP$_SUBH2       =  000062FD
OP$_SUBH3       =  000063FD
OP$_SUBP4       =  00000022
OP$_SUBP6       =  00000023
OP$_TSTD        =  00000073
OP$_TSTF        =  00000053
OP$_TSTG        =  000053FD
OP$_TSTH        =  000073FD
OUTLEN          =  00000004
PAT$GL_EXP_NP   =  000003EC  RG  02
PFN$AB_STATE    =  000003C4  RG  02
PFN$AB_TYPE     =  000003C8  RG  02
PFN$AL_BAK      =  000003B0  RG  02
PFN$AL_PTE      =  000003AC  RG  02
PFN$AW_REFCNT   =  000003B4  RG  02
PFN$AW_SWPVBN   =  000003C0  RG  02
PFN$AX_BLINK    =  000003BC  RG  02
PFN$AX_FLINK    =  000003B8  RG  02
PFN$AX_SHRCNT   =  000003B8  RG  02
PFN$AX_WSLX     =  000003BC  RG  02
PFN$A_BASE      =  000003AC  RG  02
PFN$C_LONG_LEN  =  00000016  G
PFN$C_WORD_LEN  =  00000012  G
PFN$GB_LENGTH   =  000003A1  RG  02
PQL$AB_FLAG     =  0000025F  RG  02
PQL$AL_DEFAULT  =  000001E4  RG  02
PQL$AL_MIN      =  00000220  RG  02
PQL$GDASTLM     =  000001E8  RG  02
PQL$GDBIOLM     =  000001EC  RG  02
PQL$GDBYTLM     =  000001F0  RG  02
PQL$GDCPULM     =  000001F4  RG  02
PQL$GDDIOLM     =  000001F8  RG  02
PQL$GDENQLM     =  00000214  RG  02
PQL$GDFILLM     =  000001FC  RG  02
PQL$GDJTQUOTA   =  0000021C  RG  02
PQL$GDPGFLQUOTA =  00000200  RG  02
PQL$GDPRCLM     =  00000204  RG  02
PQL$GDTQELM     =  00000208  RG  02
PQL$GDWSDEFAULT =  00000210  RG  02
PQL$GDWSEXTENT  =  00000218  RG  02
PQL$GDWSQUOTA   =  0000020C  RG  02
PQL$GMASTLM     =  00000224  RG  02
PQL$GMBIOLM     =  00000228  RG  02
PQL$GMBYTLM     =  0000022C  RG  02
PQL$GMCPULM     =  00000230  RG  02
PQL$GMDIOLM     =  00000234  RG  02
PQL$GMENQLM     =  00000250  RG  02
PQL$GMFILLM     =  00000238  RG  02
PQL$GMJTQUOTA   =  00000258  RG  02
PQL$GMPGFLQUOTA =  0000023C  RG  02
PQL$GMPRCLM     =  00000240  RG  02
PQL$GMTQELM     =  00000244  RG  02
PQL$GMWSDEFAULT =  0000024C  RG  02
PQL$GMWSEXTENT  =  00000254  RG  02
PQL$GMWSQUOTA   =  00000248  RG  02
PQL$_ASTLM      =  00000001
PQL$_BIOLM      =  00000002
PQL$_BYTLM      =  00000003
PQL$_CPULM      =  00000004
PQL$_DIOLM      =  00000005
PQL$_ENQLM      =  0000000C
PQL$_FILLM      =  00000006
PQL$_JTQUOTA    =  0000000E
PQL$_LENGTH     =  0000000F
PQL$_PGFLQUOTA  =  00000007
PQL$_PRCLM      =  00000008
PQL$_TQELM      =  00000009
PQL$_WSDEFAULT  =  0000000B
PQL$_WSEXTENT   =  0000000D
PQL$_WSQUOTA    =  0000000A
PQLSAV...       =  0000026F  R   02
PQL_M_DEDUCT    =  00000001
PQL_V_DEDUCT    =  00000000
SCH$GL_AWSTIME  =  000000B4  RG  02
SCH$GL_BORROWLIM=  0000011C  RG  02
SCH$GL_GROWLIM  =  00000118  RG  02
SCH$GL_PFRATH   =  000000A0  RG  02
SCH$GL_PFRATL   =  0000009C  RG  02
SCH$GL_PFRATS   =  000000A4  RG  02
SCH$GL_SWPRATE  =  000000B8  RG  02
SCH$GL_WSDEC    =  000000AC  RG  02
SCH$GL_WSINC    =  000000A8  RG  02
```

SCH$GW_AWSMIN	000000B0	RG	02	SGN$GL_PE1		0000016C	RG	02			
SCH$GW_DORMANTWAIT	000000C6	RG	02	SGN$GL_PE2		00000170	RG	02			
SCH$GW_IOTA	000000C2	RG	02	SGN$GL_PE3		00000174	RG	02			
SCH$GW_LONGWAIT	000000C4	RG	02	SGN$GL_PE4		00000178	RG	02			
SCH$GW_QUAN	00000082	RG	02	SGN$GL_PE5		0000017C	RG	02			
SCH$GW_SWPFAIL	000000C8	RG	02	SGN$GL_PE6		00000180	RG	02			
SCS$GB_NODENAME	00000154	RG	02	SGN$GL_PHDAPCNT		0000030C	RG	02			
SCS$GB_PAPXPORT	00000163	RG	02	SGN$GL_PHDLWCNT		00000310	RG	02			
SCS$GB_PANOPOLL	00000169	RG	02	SGN$GL_PHDPAGCT		00000318	RG	02			
SCS$GB_PANPOLL	00000162	RG	02	SGN$GL_PTPAGCNT		0000031C	RG	02			
SCS$GB_PASANITY	00000168	RG	02	SGN$GL_SPTREQ		00000050	RG	02			
SCS$GB_SYSTEMID	0000014C	RG	02	SGN$GL_SRPCNT		00000068	RG	02			
SCS$GB_SYSTEMIDH	00000150	RG	02	SGN$GL_SRPCNTV		0000006C	RG	02			
SCS$GB_UDABURST	00000186	RG	02	SGN$GL_SRPMIN		00000074	RG	02			
SCS$GW_BDTCNT	00000140	RG	02	SGN$GL_SRPSIZE		00000070	RG	02			
SCS$GW_CDTCNT	00000142	RG	02	SGN$GL_USER3		000000F4	RG	02			
SCS$GW_FLOWCUSH	0000014A	RG	02	SGN$GL_USER4		000000F8	RG	02			
SCS$GW_MAXDG	00000146	RG	02	SGN$GL_USERD1		000000EC	RG	02			
SCS$GW_MAXMSG	00000148	RG	02	SGN$GL_USERD2		000000F0	RG	02			
SCS$GW_PAPOLINT	00000164	RG	02	SGN$GL_VMS5		000000DC	RG	02			
SCS$GW_PAPOOLIN	00000166	RG	02	SGN$GL_VMS6		000000E0	RG	02			
SCS$GW_PAPPDDG	00000160	RG	02	SGN$GL_VMS7		000000E4	RG	02			
SCS$GW_PASTMOUT	0000015E	RG	02	SGN$GL_VMS8		000000E8	RG	02			
SCS$GW_PRCPOLINT	0000015C	RG	02	SGN$GL_VMSD1		000000CC	RG	02			
SCS$GW_RDTCNT	00000144	RG	02	SGN$GL_VMSD2		000000D0	RG	02			
SGN$GB_KFILSTCT	00000010	RG	02	SGN$GL_VMSD3		000000D4	RG	02			
SGN$GB_PGTBPFC	0000000E	RG	02	SGN$GL_VMSD4		000000D8	RG	02			
SGN$GB_STARTUP_P1	000002D4	RG	02	SGN$GW_CTLIMGLIM		0000007E	RG	02			
SGN$GB_STARTUP_P2	000002D8	RG	02	SGN$GW_CTLPAGES		0000007C	RG	02			
SGN$GB_STARTUP_P3	000002DC	RG	02	SGN$GW_DFPFC		0000000C	RG	02			
SGN$GB_STARTUP_P4	000002E0	RG	02	SGN$GW_DFWSCNT	=	0000021C	RG	02			
SGN$GB_STARTUP_P5	000002E4	RG	02	SGN$GW_GBLSECNT		00000012	RG	02			
SGN$GB_STARTUP_P6	000002E8	RG	02	SGN$GW_IMGIOCNT		00000080	RG	02			
SGN$GB_STARTUP_P7	000002EC	RG	02	SGN$GW_ISPPGCT		0000002A	RG	02			
SGN$GB_STARTUP_P8	000002F0	RG	02	SGN$GW_MAXPRCCT		0000001C	RG	02			
SGN$GB_SYSPFC	0000000F	RG	02	SGN$GW_MAXPSTCT		00000020	RG	02			
SGN$GB_TAILORED	000002CE	RG	02	SGN$GW_MINWSCNT		00000022	RG	02			
SGN$GL_BALSETCT	00000030	RG	02	SGN$GW_PAGFILCT		00000024	RG	02			
SGN$GL_EXTRACPU	000000FC	RG	02	SGN$GW_PCHANCNT		00000078	RG	02			
SGN$GL_EXUSRSTK	00000054	RG	02	SGN$GW_PIOPAGES		0000007A	RG	02			
SGN$GL_FREEGOAL	00000114	RG	02	SGN$GW_PIXSCAN		0000001E	RG	02			
SGN$GL_FREELIM	00000110	RG	02	SGN$GW_SWPFILES		00000026	RG	02			
SGN$GL_GBLPAGFIL	00000018	RG	02	SGN$GW_SYSDWSCT		00000028	RG	02			
SGN$GL_IRPCNT	00000034	RG	02	SGN$GW_TPWAIT		00000184	RG	02			
SGN$GL_IRPCNTV	00000038	RG	02	SGN$GW_WSLMXSKP		00000094	RG	02			
SGN$GL_LOADFLAGS	000001A0	RG	02	SGN$V_LOADCHKPRT	=	00000001	G				
SGN$GL_LRPCNT	00000058	RG	02	SGN$V_LOADERAPAT	=	00000000	G				
SGN$GL_LRPCNTV	0000005C	RG	02	SGN$V_LOADMTACCESS	=	00000002	G				
SGN$GL_LRPMIN	00000064	RG	02	SIZ...	=	00000001					
SGN$GL_LRPSIZE	00000060	RG	02	SWP$A_KSTK		********	X	02			
SGN$GL_MAXGPGCT	00000014	RG	02	SWP$GB_PRIO		0000008B	RG	02			
SGN$GL_MAXVPGCT	0000004C	RG	02	SWP$GB_SHLP1PT		000002FE	RG	02			
SGN$GL_MAXWSCNT	0000003C	RG	02	SWP$GL_BALBASE		0000034C	RG	02			
SGN$GL_NPAGEDYN	00000040	RG	02	SWP$GL_BALSPT		00000350	RG	02			
SGN$GL_NPAGEVIR	00000044	RG	02	SWP$GL_BSLOTSZ		00000300	RG	02			
SGN$GL_P1LWCNT	00000314	RG	02	SWP$GL_MAP		00000304	RG	02			
SGN$GL_PAGEDYN	00000048	RG	02	SWP$GL_PHDBASVA		00000308	RG	02			

```
SWP$GL_SHELLSIZ         000002F4 RG    02      TTY$GW_TYPAHDSZ                 000001B8 RG    02
SWP$GL_SWPPGCNT         000000BC RG    02
SWP$GW_BAKPTE           000002F8 RG    02
SWP$GW_EMPTPTE          000002FA RG    02
SWP$GW_SWPINC           000000C0 RG    02
SWP$GW_WSLPTE           000002FC RG    02
SYS$GB_BRK_LIM          000002A3 RG    02
SYS$GB_DEFPRI           0000028C RG    02
SYS$GB_DEFQUEPRI        00000298 RG    02
SYS$GB_DFMBC            000001D8 RG    02
SYS$GB_DFMBFHSH         000001DE RG    02
SYS$GB_DFMBFIDX         000001DD RG    02
SYS$GB_DFMBFREL         000001DC RG    02
SYS$GB_DFMBFSDK         000001D9 RG    02
SYS$GB_DFMBFSMT         000001DA RG    02
SYS$GB_DFMBFSUR         000001DB RG    02
SYS$GB_DFNBC            000001E6 RG    02
SYS$GB_MAXQUEPRI        0000029C RG    02
SYS$GB_PWD_TMO          000002A0 RG    02
SYS$GB_RETRY_LIM        000002A1 RG    02
SYS$GB_RETRY_TMO        000002A2 RG    02
SYS$GB_RMSPROLOG        000001DF RG    02
SYS$GL_BRK_TMO          000002A4 RG    02
SYS$GL_HID_TIM          000002A8 RG    02
SYS$GW_BJOBLIM          00000290 RG    02
SYS$GW_FILEPROT         000001E2 RG    02
SYS$GW_GBLBUFQUO        000001E4 RG    02
SYS$GW_IJOBLIM          0000028E RG    02
SYS$GW_NJOBLIM          00000292 RG    02
SYS$GW_RJOBLIM          00000294 RG    02
SYS$GW_RMSEXTEND        000001E0 RG    02
TT$C_BAUD_9600        =  0000000F
TT$M_LOWER            =  00000080
TT$M_SCOPE            =  00001000
TT$M_TTSYNC           =  00000020
TT$M_WRAP             =  00000200
TT$V_PAGE             =  00000018
TT2$M_AUTOBAUD        =  00000002
TT2$M_EDITING         =  00001000
TTY$GB_AUTOCHAR         000001D0 RG    02
TTY$GB_DEFSPEED         000001A9 RG    02
TTY$GB_DIALTYP          000001A8 RG    02
TTY$GB_PARITY           000001AB RG    02
TTY$GB_RSPEED           000001AA RG    02
TTY$GB_SILOTIME         000001CA RG    02
TTY$GL_DEFCHAR          000001B0 RG    02
TTY$GL_DEFCHAR2         000001B4 RG    02
TTY$GL_DEFPORT          000001D4 RG    02
TTY$GL_DELTA            000001A4 RG    02
TTY$GL_OWNUIC           000001C4 RG    02
TTY$GL_TIMEOUT          000001CC RG    02
TTY$GW_ALTALARM         000001BC RG    02
TTY$GW_ALTYPAHD         000001BA RG    02
TTY$GW_CLASSNAM         000001C8 RG    02
TTY$GW_DEFBUF           000001AC RG    02
TTY$GW_DMASIZE          000001BE RG    02
TTY$GW_PROT             000001C0 RG    02
```

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
ABS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
$$$917	000003F0 (1008.)	02 (2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC PAGE
Y$$$BEGIN_PAGEDCODE	00000000 (0.)	03 (3.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC PAGE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.04	00:00:01.51
Command processing	107	00:00:00.66	00:00:04.31
Pass 1	1165	00:01:18.60	00:04:13.98
Symbol table sort	0	00:00:02.07	00:00:07.94
Pass 2	451	00:00:18.79	00:01:02.21
Symbol table output	1	00:00:00.37	00:00:01.33
Psect synopsis output	0	00:00:00.03	00:00:00.03
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	1755	00:01:40.56	00:05:31.32

The working set limit was 3150 pages.
331834 bytes (649 pages) of virtual memory were used to buffer the intermediate code.
There were 80 pages of symbol table space allocated to hold 1321 non-local and 0 local symbols.
6706 source lines were read in Pass 1, producing 36 object records in Pass 2.
302 pages of virtual memory were used to define 146 macros.

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SYS.OBJ]LIB.MLB;1	2
_255DUA28:[SYSLIB]STARLET.MLB;2	9
TOTALS (all libraries)	11

1049 GETS were required to define 11 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SYSPARAM/OBJ=OBJ$:SYSPARAM MASD$:[EMULAT.SRC]MISSING/UPDATE=(MASD$:[EMULAT.ENH]MISSING)+MASD$:[SYS.SRC]SYSPARAM/UPDAT

0386 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

SYSPARAM
LIS

SYSLOGNAM
LIS

SYSMTACC
LIS

SYSIMGSTA
LIS

SYSLNM
LIS

SYSLOAVEC
LIS

SYSLKWSET
LIS

SYSMAILBX
LIS

0387 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

SYSPURGWS
LIS

SYSPUTMSG
LIS

SYSPCNTRL
LIS

SYSQIOFDT
LIS

SYSQIOREQ
LIS

SYSRUNDWN
LIS

SYSRDBRES
LIS

SYSRTSLST
LIS